



1956 SEEDS OF QUALITY

- Seeds ● Garden Supplies ● Fertilizers
- Poultry Supplies ● Insecticides ● Tools

**ROSS BROS. Co.**

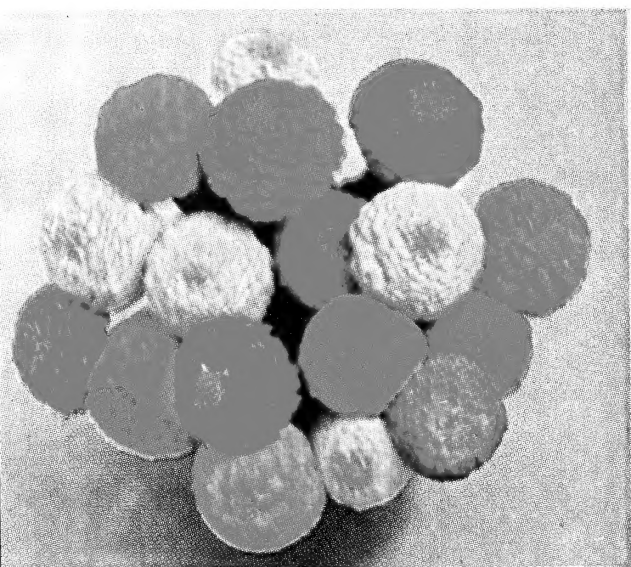
Worcester, Mass.



# The Very Latest in Flower Seeds

One pkt. of each variety on this page (1 pkt. each of 1350, 710, 1364, 390 and 829C) a total value of \$1.10.

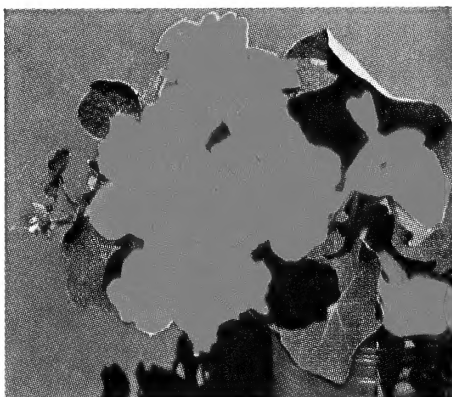
Special—75c, Postpaid



## ZINNIA, CUPID

Dwarf, compact little plants bearing quantities of button flowers smaller than the Lilliput type. Exceptionally well suited for edgings and pots.

1350. Finest Mixed. Pkt., 15c; 1/4 oz., 50c.



## NASTURTIIUM, GOLDEN GLEAN

710. Large golden flowers average 2 1/2 to 3 inches across. They are borne on erect, stiff stems 6 inches long. The flowers stand well above the foliage. Pkt., 15c; oz., 35c.



## ZINNIA, FANTASY

Double rounded flowers composed of a mass of shaggy, ray-like petals. The color range includes the brightest shades of red and orange, as well as the popular pastel pinks and cream.

1364. Finest Mixed. Pkt., 15c; 1/4 oz., 50c.

## SEEDS Are Your Greatest Planting Bargain



Larkspur, Supreme

## LARKSPUR, SUPREME

Showy hardy annuals bearing long spikes of lovely colored flowers on stalks 3 to 4 feet high.

386 Dark Blue.

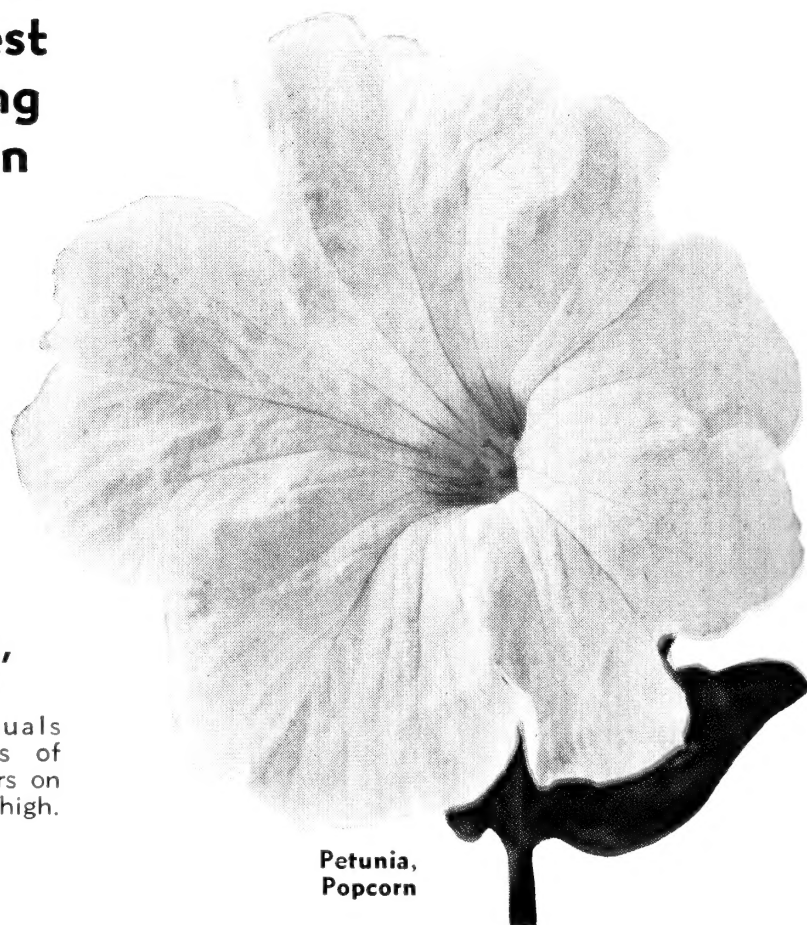
387 Light Blue.

388 Rose.

389 White.

390 Mixed.

Pkt., 15c; 1/8 oz., 25c;  
1/4 oz., 40c; 1/2 oz., 75c.



Petunia,  
Popcorn

## PETUNIA, POP CORN

829C. New. Large pure white plain edged flowers. Early blooming, exceedingly dwarf and compact. Ideal for pot work or bedding. 8 in. Pkt., 50c.

# Directions For Ordering

**PLEASE USE OUR ORDER SHEET.** It will be a help to us in filling your order correctly. If you desire to write us, use a separate sheet of paper. Be sure to give your full name and address on all orders and letters.

**KEEP A COPY OF YOUR ORDER.** Sometimes customers complain of not receiving goods which were not ordered. If goods ordered do not reach you in a reasonable time, advise us and send us a copy of your order.

**HOW TO SEND MONEY.** Remittances can be sent safely by Post Office Money Order, Bank Draft, Express Money Order, Check or by Registered Letter. We do not accept stamps for small amounts.

Do not send coins loose in an envelope as they may break through. If bills are sent, your letter should be registered.

**ORDER EARLY** — We endeavor to fill all orders as soon as received, but during the rush season of April and May, delays are sometimes unavoidable. This, however, can be partly overcome if our patrons will send us their orders early.

**FREE DELIVERY** — All Vegetable Seeds, Flower Seeds and Bulbs offered in this catalogue will be delivered **transportation paid** in the United States at prices listed. In making this Free Delivery offer we reserve the right to ship goods by Parcel Post, Express or Freight. Other items of seeds and other merchandise will be sent **transportation collect** unless otherwise noted in this catalogue.

**GRASS AND FIELD SEEDS** — All Grass and Field Seeds, Onion Sets and Potatoes are shipped only at purchaser's expense by express or freight, as ordered. Prices quoted in this catalogue are F.O.B. Worcester. Small quantities of Grass or Field Seeds sent by Parcel Post, if postage is added at parcel post rates.

**NOTICE** — While it is not our custom to substitute, we feel that in the event of our being sold out of any variety it would be to the advantage of our patrons to allow us this privilege, for, if on receipt of any substitute it is not perfectly satisfactory, the same may be returned and money paid will be refunded.

Telegraph your order with Western Union Money Transfer and goods will be shipped same day order is received.

●

## ROSS BROS. CO.

*"Serving Agriculture for 113 Years"*

Add postage to your order as indicated below—if required.

See Free Delivery on other side.

### PARCEL POST ROTES

Weight in Lbs.	Local	ZONES							
		1-2	3	4	5	6	7	8	
1....	\$0.18	\$0.23	\$0.23	\$0.24	\$0.26	\$0.28	\$0.30	\$0.32	
2....	.20	.27	.29	.31	.36	.40	.46	.51	
3....	.21	.31	.34	.38	.45	.52	.61	.69	
4....	.23	.35	.39	.45	.54	.64	.76	.87	
5....	.24	.39	.44	.52	.63	.76	.91	1.05	
6....	.26	.43	.49	.59	.73	.88	1.06	1.23	
7....	.27	.47	.54	.66	.82	1.00	1.22	1.41	
8....	.29	.51	.60	.73	.91	1.12	1.37	1.59	
9....	.30	.55	.65	.80	1.00	1.24	1.52	1.77	
10....	.32	.59	.70	.87	1.10	1.36	1.67	1.95	
11....	.33	.63	.75	.93	1.19	1.48	1.82	2.13	
12....	.34	.67	.80	1.00	1.28	1.60	1.98	2.31	
13....	.36	.71	.85	1.07	1.37	1.72	2.13	2.49	
14....	.37	.75	.90	1.14	1.47	1.84	2.28	2.67	
15....	.39	.79	.96	1.21	1.56	1.96	2.43	2.85	
16....	.40	.83	1.01	1.28	1.65	2.08	2.58	3.03	
17....	.42	.87	1.06	1.35	1.74	2.20	2.74	3.21	
18....	.43	.91	1.11	1.42	1.84	2.32	2.89	3.39	
19....	.45	.95	1.16	1.49	1.93	2.44	3.04	3.57	
20....	.46	.99	1.21	1.56	2.02	2.56	3.19	3.75	
21....	.47	1.02	1.26	1.62	2.11	2.67	3.34	3.93	
22....	.49	1.06	1.32	1.69	2.21	2.79	3.50	4.12	
23....	.50	1.10	1.37	1.76	2.30	2.91	3.65	4.30	
24....	.52	1.14	1.42	1.83	2.39	3.03	3.80	4.48	
25....	.53	1.18	1.47	1.90	2.48	3.15	3.95	4.66	
26....	.55	1.22	1.52	1.97	2.58	3.27	4.10	4.84	
27....	.56	1.26	1.57	2.04	2.67	3.39	4.26	5.02	
28....	.58	1.30	1.63	2.11	2.76	3.51	4.41	5.20	
29....	.59	1.34	1.68	2.18	2.85	3.63	4.56	5.38	
30....	.61	1.38	1.73	2.25	2.95	3.75	4.71	5.56	
31....	.62	1.42	1.78	2.31	3.04	3.87	4.86	5.74	
32....	.63	1.46	1.83	2.38	3.13	3.99	5.02	5.92	
33....	.65	1.50	1.88	2.45	3.22	4.11	5.17	6.10	
34....	.66	1.54	1.93	2.52	3.32	4.23	5.32	6.28	
35....	.68	1.58	1.99	2.59	3.41	4.35	5.47	6.46	
36....	.69	1.62	2.04	2.66	3.50	4.47	5.62	6.64	
37....	.71	1.66	2.09	2.73	3.59	4.59	5.78	6.82	
38....	.72	1.70	2.14	2.80	3.69	4.71	5.93	7.00	
39....	.74	1.74	2.19	2.87	3.78	4.83	6.08	7.18	
40....	.75	1.78	2.24	2.94	3.87	4.95	6.23	7.36	

### LOCAL DELIVERIES

Because of conditions concerning transportation, we can deliver only when accumulated orders and delivery schedule permits. If immediate delivery is wanted we will ship by local truckman at customer's expense.

All prices subject to change without notice.

Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control such as unfavorable weather or soil conditions, too deep or too shallow planting, which renders it impossible for us to guarantee success.

THE ROSS BROS. CO. warrants to the extent of the purchase price that seeds, bulbs or plants sold are as described on the container within recognized tolerances. Seller gives no other or further warranty, expressed or implied.

**ROSS BROS. CO.**



# ROSS' GRASS SEED MAKES THE FINEST LAWNS

**High Germination • Tested Purity • Approved Formulas**

**PERFECT Lawns Within Reach of All.** All of Ross' Celebrated Lawn Grass Seeds are particularly suited to the New England conditions. When properly used, they produce thick, velvety lawns of the finest type in a few weeks.

## WORCESTER LAWN SEED

The Worcester Lawn Seed is our own mixture made from a formula which has been given a great deal of careful study and we are positive that no better general purpose lawn seed can be made. Price: Lb., 90c; 2 lbs., \$1.80; 5 lbs., \$4.25; 10 lbs., \$8.00; 100 lbs., \$75.00.

## GREEN HILL LAWN SEED

This is composed of four lawn seed varieties of grasses as follows: Kentucky Blue, Chewing's Red Fescue, Creeping Bent and Rye Grass; these are some of the best grasses known. Prices: Lb., \$1.10; 5 lbs., \$5.25; 10 lbs., \$10.00; 100 lbs., \$95.00.

## TRUEGREEN LAWN SEED

This is a mixture of five of the best so-called lawn grasses and is adapted to almost any ordinary situation. Price: Lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.00; 100 lbs., \$55.00.

## MERION BLUE MIXTURE

Also containing Illahee Fescue, Red Top and Bent Grass. Lb., \$2.25; 5 lbs., \$11.00.

## Ross' Lawn and Agricultural Grasses

**ASTORIA BENT** (Botanically the same as Rhode Island or Colonial Bent). Of fine growth, forming a close and permanent sod. One of the best lawn grasses and very desirable for golf courses and polo grounds. Lb., \$1.75; 5 lbs., \$8.25; 10 lbs. or over, \$1.60 per lb.

**HIGHLAND BENT.** A strain of Colonial Bent, desirable for lawns; it spreads from underground rootstocks and will withstand drought better than other varieties. Lb., \$1.10; 5 lbs., \$5.00; 10 lbs. or over, 95c per lb.

**SEASIDE BENT.** Sometimes called Coos County Bent, it is fine leaved and produces runners or stolons which, when they come in contact with the soil, take root and grow. It is an excellent Bent for putting greens and lawns. Withstands shade quite well. Lb., \$2.40; 5 lbs., \$11.50; 10 lbs. or over, \$2.25 per lb.

**BIRDSFOOT TREFOIL.** It is a long-lived perennial, doing well on all kinds of soil. This plant appears to answer the demand for a deep-rooted, drought-resistant perennial legume that will grow and persist under grazing. The results of analysis indicate that it is equal to the other hay and pasture legumes in feeding value. Broadcast at the rate of 5 pounds per acre. Lb., 95c; 5 lbs., \$4.00.

**BROME GRASS** (Bromus Inermis). It is a large-leaved perennial. It spreads by underground roots. Consequently, it is usually a strong sod grass and is well adapted to pasturing. It is a cold and drought-resistant grass. It is tall growing, reaching a height of two to five feet. 15 pounds per acre when used alone, 7 or 8 pounds when used with Alfalfa. Lb., 55c; 10 lbs., \$4.70.

## SHADY SPOT LAWN SEED

It is possible to produce a lawn under almost any conditions but to do this in a situation where shade predominates the greater part of the time is very difficult. A shady location requires special treatment of the soil and in almost every shady spot lime must be added, but most important is the selection of the seed. Price: Lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.50; 100 lbs., \$60.00.

## MIXTURE FOR FAIRWAYS

Lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.00; 100 lbs., \$55.00.

THE ROSS BROS. CO. warrants to the extent of the purchase price that seeds, bulbs or plants sold are as described on the container within recognized tolerances. Seller gives no other or further warranty, express or implied.

**PRICES ARE SUBJECT TO CHANGE  
WITHOUT NOTICE**

**CANADIAN BLUE GRASS** (Poa compressa). A hardy perennial with creeping root-stalks which form a strong turf. Lb., \$1.60.

**CHEWING'S FESCUE** (Festuca rubra). Its leaves are bright green and the plant does not grow in tufts but creeps by underground stems, so that one plant may eventually cover a circle 2 to 4 feet in diameter. It is used mainly as a lawn plant. On sandy or gravelly soil it makes exquisite lawns. Lb., 55c; 10 lbs., \$4.40.

**CREeping RED FESCUE.** Produces a turf similar to Chewing's Fescue, spreading by underground runners that make an extremely tight sod. It does well on all types of soil. Ideal for lawns, cemeteries and playgrounds. Lb., 65c; 10 lbs., \$5.30.

**ILLAHEE FESCUE, CERTIFIED.** It is a new strain of creeping Red Fescue. It spreads from roots that creep underground, putting up new growth. It is a perennial grass that easily thickens up into a dense carpet of green turf. It does well in poor soil and is rated highly resistant to drought and disease. It will stand heavy wear and is desirable for playgrounds. Lb., 65c; 10 lbs., \$5.50.

**KENTUCKY BLUE GRASS** (Poa pratensis). 85% pure. One of the most valuable grasses for pasture and lawn, requires some time to become established, but lasts indefinitely on congenial soils. Sown with white clover, it forms a splendid lawn. Lb., \$1.25; 10 lbs., \$10.00.

**KENTUCKY BLUE GRASS.** 90% pure. Lb., \$1.35; 10 lbs., \$11.00.

**KENTUCKY BLUE GRASS.** 98% pure. Lb., \$1.50; 10 lbs., \$12.50.

## ATHLETIC AND PLAYGROUND MIXTURE

Lb., 80c; 5 lbs., \$3.75; 10 lbs., \$7.00; 100 lbs., \$65.00.

## PUTTING GREEN MIXTURE

Lb., \$1.35; 5 lbs., \$6.50; 10 lbs., \$12.50; 100 lbs., \$120.00.

## CEMETERY MIXTURE

This is especially adapted to light, gravelly or sandy soil. Price: Lb., 80c; 5 lbs., \$3.75; 10 lbs., \$7.00; 100 lbs., \$65.00.

## TERRACE AND BANK MIXTURE

It is mixed from grasses which naturally grow a strong, creeping root and are very valuable in holding the soil in place, preventing serious washouts during heavy rains. The seed starts quickly. Price: Lb., 95c; 5 lbs., \$4.50; 10 lbs., \$8.50; 100 lbs., \$80.00.

## SPECIAL MIXTURES OF GRASS SEED

In addition to the several mixtures of grass seed which we list in this catalog, we can supply grass seed in mixtures suitable for almost any purpose or location.

We will also be pleased to name prices on any special formula on request.

## PRICES

of all Grass Seeds subject to market changes. Prices include bags or sacks unless otherwise noted. Prices f.o.b. Worcester.

**ORCHARD GRASS** (Dactylis glomerata). For early pasturing this is very desirable; also fine for sowing in shaded places. Lb., 45c; 10 lbs., \$3.80.

**POA TRIVIALIS.** Ideal for shade. It is a perennial and grows in soil that is moist and cool. Lb., 65c; 10 lbs., \$5.50.

**REED CANARY GRASS.** A tall growing water grass, thriving in brooks, ditches, ponds, and marshy tracts of land. It is of good nutritive value. Lb., 55c; 10 lbs. or over, 48c per lb.

**RED TOP, RECLEANED.** 92% pure. This is one of the best grasses for sowing for immediate effect. Lb., 80c; 10 lbs., \$7.60; 100 lbs., \$73.00.

**RED TOP, FANCY RECLEANED.** 98% pure. Lb., \$1.00; 10 lbs., \$9.00; 100 lbs., \$85.00.

**RYE GRASS, DOMESTIC.** Used extensively in lawn mixtures. Lb., 20c; 10 lbs., \$1.70; 100 lbs., \$14.00.

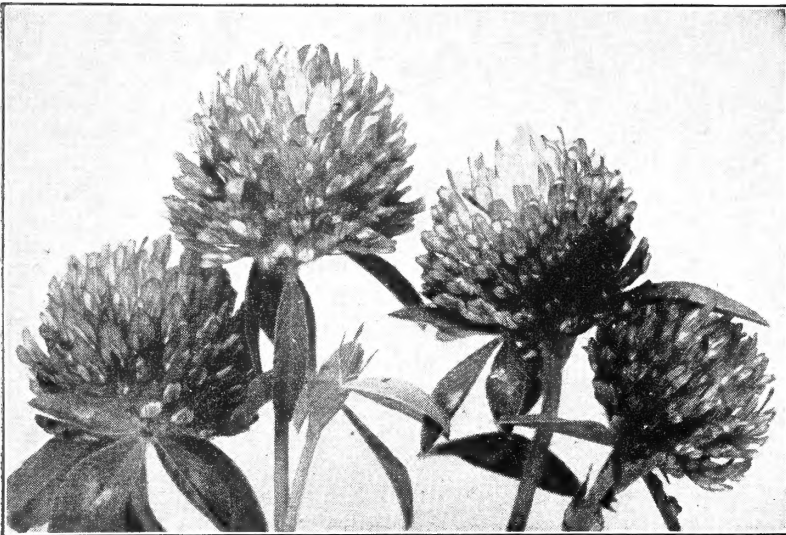
**RYE GRASS, PERENNIAL** (Lolium perenne). Of rapid growth and productive; produces a strong growth in 4 to 5 weeks. Lb., 25c; 10 lbs., \$2.00.

**WORCESTER GRADE TIMOTHY.** Our Worcester Grade is a seed which is of the highest quality at the start. Taken from the best fields of full ripe seed, we can assure you that after going through the cleaning process we can guarantee a purity of 99.50%. Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$18.00.

Established 1843 - 1956 - 113 Years

**ROSS BROS. CO.** 179 - 181 Commercial St.  
Worcester 8, Mass.

# ROSS' SWEET CLOVERS and BEST HAY SEED MIXTURES



*Crimson Clover*

## Clovers

**ALSIKE or SWEDISH CLOVER** (*Trifolium hybridum*). One of the best for mixing with Timothy; it is perfectly hardy in every climate or soil condition and seldom has to be reseeded.  
Lb., 50c; 10 lbs. or more, 42c per lb.

**CRIMSON CLOVER** (*Trifolium incarnatum*). This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers.  
Lb., 50c; 10 lbs. or over, 42c per lb.

**LADINO CLOVER FOR LOW WET SOILS.** It is an ideal pasture plant for cattle, sheep, hogs, etc. Should be sown in early spring or September, using Oats, Timothy or Rye Grass, as a nurse crop. We recommend about 4 lbs. of Ladino Clover per acre.  
Lb., 95c; 10 lbs. or over, 89c per lb.

**MAMMOTH RED CLOVER** (*Trifolium pratense* perenne). Sometimes called Sapling or Pea Vine Clover and English Cow Grass. This differs from the "Medium," being of a ranker growth and yielding more fodder per acre.  
Lb., 60c; 10 lbs. or over, 55c per lb.

**MEDIUM RED CLOVER, AMERICAN GROWN** (*Trifolium pratense*). More widely known and used than any other; used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the spring or in late summer.  
Lb., 60c; 10 lbs. or over, 55c per lb.

**WHITE DUTCH or LAWN CLOVER** (*Trifolium repens*). This is valuable for pasturage as well as for lawns; it succeeds where other Clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early spring is best.  
¼ lb., 45c; ½ lb., 75c;  
lb., \$1.40; 10 lbs. or over, \$1.35 per lb.

## Sweet Clover

The Greatest Soil Renovator, Hay and Pasture Crop.

**BOKHARA or SWEET CLOVER** (*Melilotus alba*). A native of all parts of the United States and Canada. It is an erect branching biennial plant with woody stems growing the first season 2 to 3 feet high and developing a large root. The second year's growth usually reaches a height of 4 to 7 feet.  
Lb., 30c;  
10 lbs. or over, 27c per lb.

**NEW ZEALAND WHITE CLOVER CERTIFIED.** It is a true perennial, used on lawns and pastures. It spreads by surface runners, which root at the joints and therefore can survive indefinitely.  
Lb., \$1.00; 5 lbs., \$4.50.

## Grass Seed Mixtures

The Worcester Special Mixtures of Grass Seed produce wonderful hay crops and pasture, maintaining their cropping qualities for years.

**PERMANENT PASTURE MIXTURE FOR MEDIUM SOIL.** Aside from permanency, an important requisite is that of continual growth from early spring until fall, and as many varieties as possible should be used which bear constant tramping and continued close grazing. This mixture is prepared with these ends in view. Contains Ladino and White Dutch Clovers. 30 pounds to the acre.  
Lb., 60c; 10 lbs. or over, 52c per lb.

**No. 1 GRASS SEED MIXTURE.** For seeding down, use 25 lbs. to the acre. Contains Timothy, Red Top, Medium Red Clover, and Alsike Clover. All domestic seed.  
Lb., 45c; 10 lbs. or over, 37c per lb.

## Aids to Growth

The modern garden wonder, plant hormones, can do many astounding things. Some types stimulate seed germination, make cuttings root faster, give better seedlings, help in transplanting by reducing shock and wilt. Other types stop fruit and blossom drop, produce more and better tomatoes and fruit.

We recommend Rootone, Transplantone and Blossom-Set.

## Know Your Garden Weeds

**GROUND IVY.** A perennial. Dig out or use a selective weed killer.

**CRAB GRASS.** Annual. Pull out large plants. Use potassium cyanate. Feed lawn heavily in fall.

**YARROW.** Dig out or cut repeatedly. Use selective weed killer such as 2,4-D.

**CHICKWEED.** Pull out. Use 2,4-D spray. Apply ground limestone.

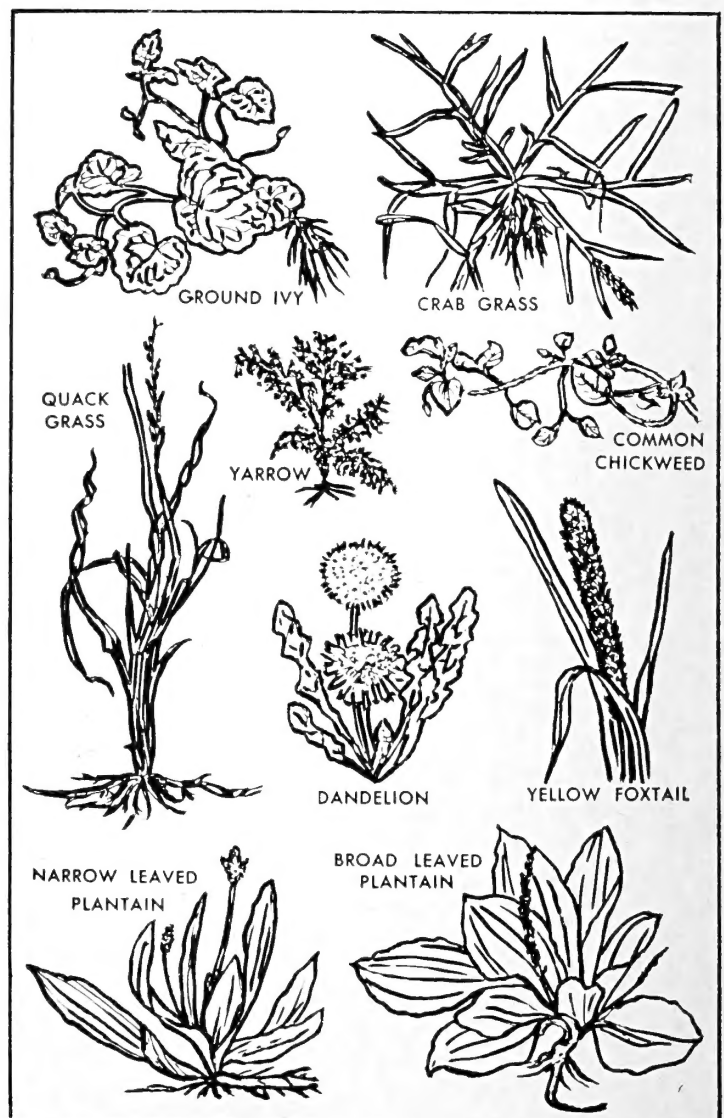
**QUACK GRASS** (Witch grass). Spreads by jointed creeping roots. Pull out all shoots every few days until no more appear. In garden use heavy mulch.

**DANDELION.** Cut out below ground with knife or Asparagus cutter. Spray with 2,4-D or other selective type weed killer or use Killer Kane or Bridgeport weed killer.

**FOXTAIL.** Pull out and cultivate often. Use selective weed killer.

**NARROW PLANTAIN.** Pull out. Keep mowed close. Use End-O-Weed or Weedone.

**BROAD PLANTAIN.** Dig out if few, or use 2,4-D selective weed killer.





# Ross' Selected FIELD SEED CORN

## Worcester County Sweepstakes

Grows 12 to 15 feet tall.

It is a big yellow Dent Corn, stalks very large, 1½ to 2 inches in diameter, growing 12 to 15 feet high; foliage is long, broad and heavy, starting well down to the ground with an abundance of leaves and produces 15 to 25 tons per acre. 110 days. ½ pk., \$1.05; pk., \$1.90; ½ bu., \$3.60; bu., \$7.00.

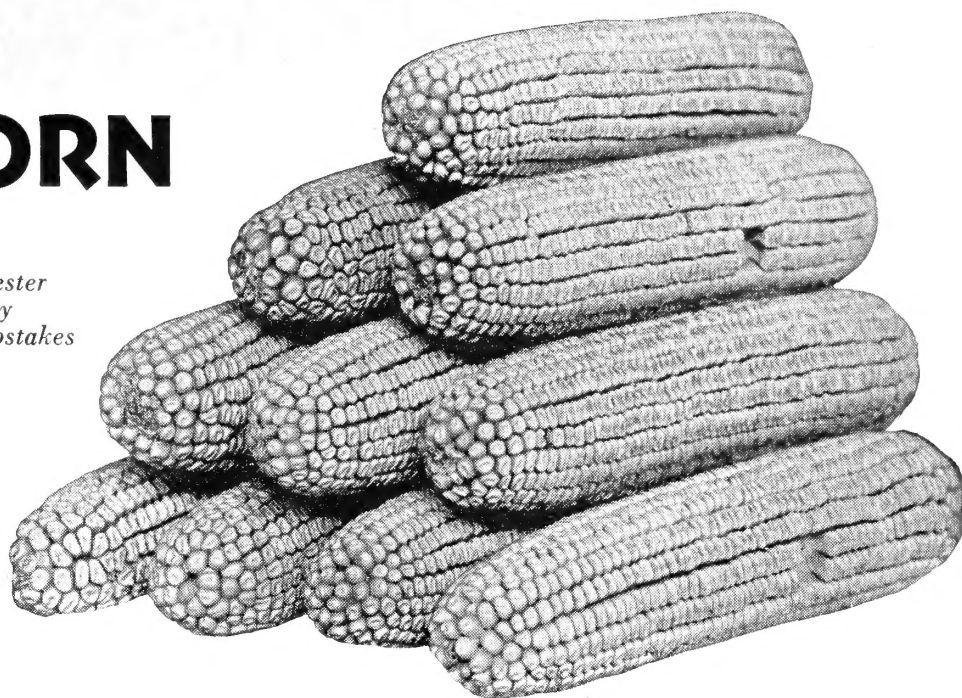
## Hybrid Corn

**CORNELL 29-3.** Hybrid. 100 days. Medium to tall in height, ear medium size, 12- to 16-rowed, has a fine root system. Very heavy producer of silage. ½ pk., \$1.35; pk., \$2.55; bu., \$9.75.

## Early Canada Flint

An early 8-rowed variety; stalks about 6 feet, ears 8 to 9 inches. This strain is a decided improvement over the old Early Canada Flint. 95 to 100 days. ½ pk., \$1.00; pk., \$1.85; bu., \$6.90.

Worcester  
County  
Sweepstakes



## Ross' Genuine Eureka Ensilage Corn

This is a variety of silage Corn that has been used for many years in all of our 48 states and in some provinces of Canada in preference to many other heavy yielding varieties. It will produce a tremendous crop of silage in any normal season and will withstand drought and flood better than most Corns, germinating well in cold, wet soils.

It holds the record of over 70 tons per acre produced in Michigan several years ago and this record has never been beaten.

If planted about May 15th in New England, Eureka will produce two or more mammoth ears per stalk which are usually in the milk stage at cutting time, giving the Eureka silage a very superior quality.

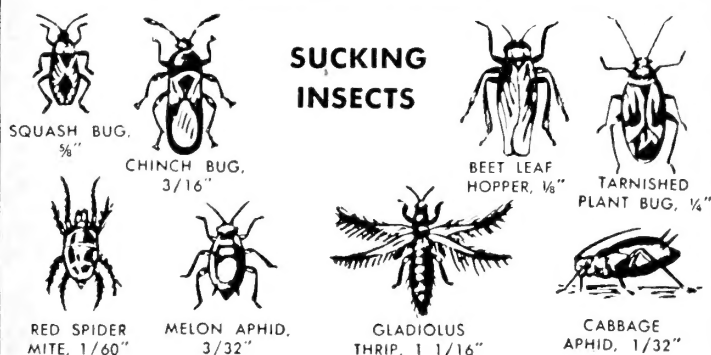
Eureka Corn was introduced by Ross Bros. many years ago and has been offered by us every year since its introduction.

If you will plant Eureka this year, we know you will be pleased with the results. Send to us direct for your seed or ask your local dealer to secure Genuine Ross' Eureka Corn for you.

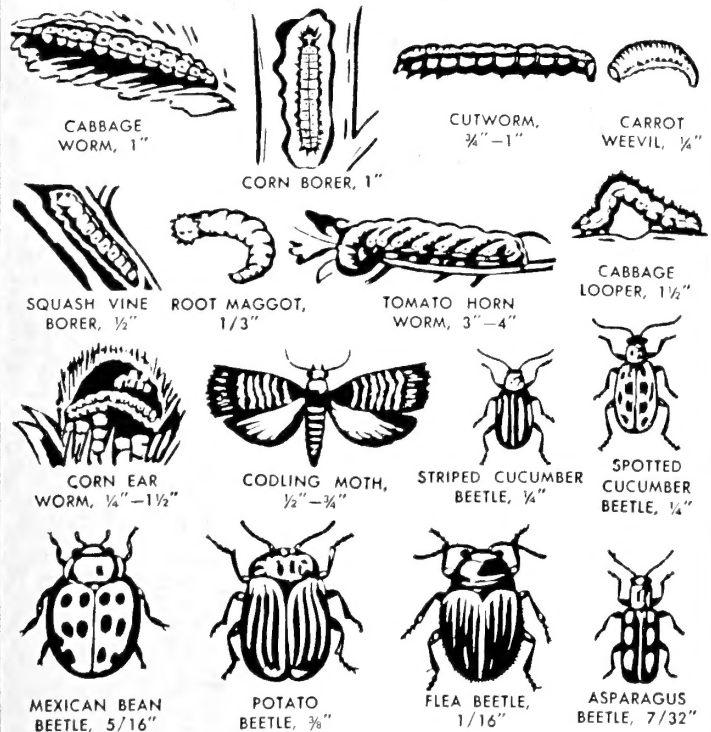
½ pk., \$1.10; pk., \$2.00;  
½ bu., \$3.85; bu., \$7.50.

## KNOW YOUR GARDEN ENEMIES

### SUCKING INSECTS



### CHEWING INSECTS



## Know the Pests of Your Garden

Chewing or biting insects, such as caterpillars, beetles, grasshoppers, Tomato worms, etc., can be controlled best by applying poison sprays or dusts to the plants and leaves on which the insects feed.

Sucking insects, such as Squash bugs, aphids, leaf hoppers, and mites, drill holes into the leaves or stalks of the plants and suck out the plant juices. Because of this, stomach poisons will not kill them and contact poisons must be used. Spray on the insect itself or spray heavy enough so that it will get on the insect when he lights on plant.

Scale insects which grow hard protective shells are easily killed by lime-sulphur solution or Scalecide. These must be applied while foliage is off the plants.

**APHID.** Sucking. Found underneath leaf, on stems. Soft body, wings three times length of body, discolors or curls leaves.

**ASPARAGUS BEETLE.** Eats shoots—feeds on foliage.

**MEXICAN BEAN BEETLE.** Chewing. Black spots on each wing. Spiny larvae, skeleton-like leaves.

**CABBAGE WORM.** Soft green with yellow stripes. Chews holes in leaves.

**CABBAGE LOOPER.** Light green with whitish stripes. Chews.

**COLORADO POTATO BEETLE.** Chews. Five yellow and five black stripes under each wing, lays orange-yellow eggs underneath leaves.

**CUCUMBER BEETLE.** Chews. Yellow with three black stripes on back.

**CUTWORM.** Chews. Eats off plants at ground level. Lives about 8 to 10 inches close to plant, one inch below ground surface.

**CARROT WEEVIL.** Chews. No legs. Brown headed grub, eats into crown of plant, covers eggs with sawdust-like material.

**CODLING MOTH.** Worms pinkish white with brown heads, eats holes from side or blossom end of Apple to center.

**CORN BORER.** Chews. Lives on under side of leaf, masses of whitish eggs, looks like scales. Pinkish worms with dark heads; one inch long.

**CORN EAR WORM.** Chews. Green to brownish with white stripes on sides, lives in silk end of ear.

**FLEA BEETLE.** Shiny, black, oval beetle. Chews sieve-like holes.

**LEAF HOPPER.** Sucks. Located on under side of leaves, light yellow. Wedge shape slender wings. Leaves look puckered and scorched.

**TOMATO HORN WORM.** Chews. Large, green colored worms with yellow markings and prominent horn-like spread at rear.

**THRIP.** Sucks. Minute yellow or brown slender bodies, both ends pointed. Plume-like wings. The young are wingless with watery white appearance with bright red eyes.

**ROOT MAGGOT.** Chews. Check roots at dirt line for white legless worm or elongated white eggs. Damage causes pale yellowish green plant that wilts and dies.

**RED SPIDER MITE.** Sucks. Appears when Apples are in bloom on under side of leaves. Tiny reddish, whitish mite. Leaves are yellow or brown with powdered appearance underneath.

**SQUASH OR STINK BUG.** Sucks. Reddish brown eggs in clusters appearing under side of leaves. Bug is flat, brown colored and stinks.

# ROSS' SEED GRAINS

## Best Agricultural Selections

All Prices  
Subject to Change

### Alfalfa

#### The Farmer's Hay Insurance

Sow 15 to 25 lbs. per acre.

Every farm should have at least some Alfalfa, its feeding value is unexcelled.

**RANGER.** Certified. Adapted to Central and Northern United States, has been developed for its resistance to a bacterial wilt which has been taking heavy tolls in recent years, in second and third year stands and older. It has a large fall growth and survives hard winters better than other strains.

Lb., 50c; 10 lbs. or over, 43c per lb.

**VERNAL.** Certified. Resistant to bacterial wilt. Lb., 55c; 10 lbs. or over, 51c per lb.

### Barley

**WISCONSIN No. 38.** The beards are smooth and no barbs. Excellent for feeding green. Pk., 80c; bu., \$3.00.

### Buckwheat

**JAPANESE.** Entirely distinct from all other varieties. It has the advantage of remaining some time in bloom and produces seed earlier. It resists drought and blight better than most varieties. Pk., 90c; bu., \$3.30.

### Canada Field Peas

**CANADA PEAS** may also be sown with other grains as well as with Oats, and are sometimes sown in August with Barley. They are also sometimes sown alone. Choice stock for seed.

Lb., 15c; 10 lbs., \$1.30; 100 lbs., \$12.00.

### Millets

**HUNGARIAN** (Hungarian Grass). An excellent food for horses when cured. Each root sends up several slender stems which often branch. The leaves grow upright, rather narrow. Heads are borne erect or nearly so, about four inches long, dark purple in color.

Lb., 20c; 10 lbs., \$1.30; 100 lbs., \$12.00.

**GOLDEN.** This variety is extensively used throughout the United States. It is sown at the same time and at the same rate per acre as the common Millet. Grows more vigorous, gives a much larger yield of hay than common Millet.

Lb., 25c; 10 lbs., \$1.80; 100 lbs., \$17.00.

**JAPANESE** (*Panicum frumentacea*). It is entirely distinct from all other Millets. Grows from 6 to 9 feet high, stands up well, and yields enormous crops.

Lb., 15c; 10 lbs., \$1.00; 100 lbs., \$9.00.

### Seed Oats

**VICTORY.** A tall growing white-kerneled variety which is recommended as a heavy yielder. The straw is stiff and strong enough not to lodge. It was developed at the Svalof Station in Sweden and outyields the Swedish Select type. It should not be confused with that variety.

Pk., 65c; bu., \$2.15.

**OATS, CLINTON.** High yielding, early maturing variety with plump meaty yellow grain, high in feeding value. Pk., 65c; bu., \$2.15.

### Dwarf Essex Rape

It grows best in cool, moist weather and the time for sowing depends upon when the crop is to be used. When wanted for pasture allow 8 to 10 weeks for it to attain maximum growth.

Lb., 25c; 10 lbs., \$1.90; 100 lbs., \$18.00.

### Rye

**ROSEN TYPE.** Vigorous and heavy yielding strain. Best grown as a winter and spring cover crop. Market Price.

### Soy or Soja Beans

**BLACK WILSON.** Medium size, black seed. Considered the best all-around variety for the North. Of rather upright growth, with a good amount of foliage and a slight tendency to vine on fertile soil. Matures seeds in 125 days and is ready for cutting in 110 days. A heavy seed producer.

Pk., \$1.75; bu., \$6.60.

**LINCOLN.** Maturity 125 days. A remarkable record of yield. Superior in standing ability and ranks high in quality and content of oil. Producing large crops of dry forage.

Pk., \$1.75; bu., \$6.60.

### Sudan Grass

**PIPER.** Blue Tag Certified. Heavy cropping hot weather forage crop. New improved strain, best for forage and grazing.

Lb., 25c; 10 lbs., \$2.10; 100 lbs., \$19.00.

### Mammoth Russian Sunflower

Produces very heavy yields per acre for silage or grown for its seed. Valuable for feeding.

Lb., 35c; 10 lbs., \$3.00.

**FEEDING SUNFLOWER.** See page 19.

### Vetch

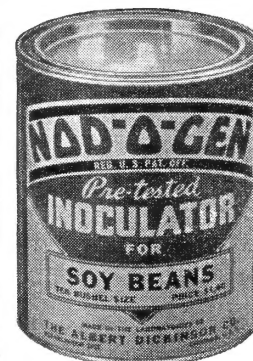
**HAIRY.** Can be sown during the spring as well as in the fall, with good results. Used for green feed and plowing under for green manure. Sow at the rate of 30 to 40 lbs. with 1 bu. of small grain. Lb., 30c; 10 lbs., \$2.60; 100 lbs., \$24.00.

### Wheat

**HENRY.** (Spring Wheat.) A new variety of spring Wheat bred by the Wisconsin Experiment Station. Its advantages are disease resistance and high yield. It has large, white heads, with bearded chaff which is white, or may be tinged with red at maturity. Kernels are larger than most Spring Wheats, and red in color. Henry Wheat is resistant to leaf rust and moderately resistant to stem rust and stinking smut. It is rapidly replacing older Spring Wheat varieties. Pk., \$1.50; bu., \$5.00.

**WHITE.** (Winter Wheat.) Sow early in the fall for a good firm root to survive our New England winters. Winter Wheat makes an excellent green feed, coming very early in the spring and staying in condition for feed much longer than spring or winter Rye. A productive, bald, white variety, large and plump. Ask for price.

**For Good Crops it is  
Important to Plant Ross'  
Selected Seeds**



Nod-O-Gen is a high quality humus culture of nitrogen-gathering bacteria containing all the essentials for healthy bacterial growth. Nod-O-Gen causes nodules to develop on the roots of legume crops. These nodules gather nitrogen from the air and convert it into plant food, saving plant food in the soil.

Full directions accompany each package. When ordering be sure to state what seed you wish to inoculate. Humus type only.

**GROUP 1.** Alfalfa and Sweet Clover.  
1-bu. size, 55c; 100-lb. size, 80c;  
2½-bu. size, \$1.10.

**GROUP 2.** Clover, Medium Red, Crimson, Mammoth Alsike, White and White Dutch.  
1-bu. size, 55c; 100-lb. size 80c;  
2½-bu. size, \$1.10.

**2 IN 1 COMBINATION** for Alfalfa and Clover. This is a combination of groups 1 and 2.  
1-bu. size, 55c;  
100-lb. size, 80c; 2½-bu. size, \$1.10.

**GROUP 4.** Soy Beans, all varieties.  
2-bu. size, 40c.

**GROUP 5.** Cow Peas, Peanuts, Lima Beans.  
2-bu. size, 40c.

**GROUP 6.** Field Beans, Wax, String, Snap, Kidney and Scarlet Runner Garden Beans.  
1-bu. size, 55c.

**GROUP 7.** All Vetches, Field, Sweet and Garden Peas. 1-bu. size, 40c; 100-lb. size, 55c.

**GROUP 8.** Garden Combination for Garden Peas and Beans, Sweet Peas, Lima Beans.  
Pkg., 15c.

**LADINO CLOVER.** Up to 10 lbs. Pkg., 25c.

**BIRDSFOOT TREFOIL.** Up to 10 lbs. Pkg., 25c.

**BIRDSFOOT TREFOIL** 1-bu. size, 75c.

Add for Postage. Group 8, Ladino Clover and Birdsfoot Trefoil, 2c. All other Groups, 1-bu. size and over, add 23c for postage.



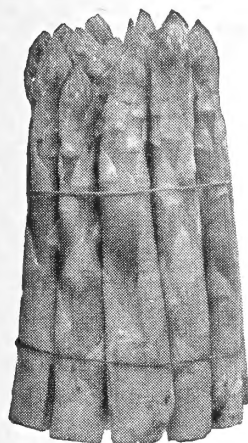
Wheat



# ROSS BROS.' VEGETABLE SEEDS

**THIS IS  
IMPORTANT -  
PLEASE READ**

Are Tested for Germination by a Famous Agricultural Experiment Station and the Results of This Test Appear on Every Package of Vegetable Seeds We Send Out. You Get the Same High Quality Seed in These Garden-Size Packages as We Furnish to the Commercial Vegetable Grower and Florist, Whose Living Depends on the Quality of Seed He Sows.



## ASPARAGUS

An ounce will sow about 60 feet of drill, and produce 200 or more plants.

### MARY WASHINGTON.

This is a selection from the Washington showing a marked improvement in every respect. It is much larger than the ordinary strain and is some earlier. Tips very compact and a rich purplish green. The whole stalk from base to tip is remarkably tender.

Asparagus Pkt., 15c;  
oz., 35c; 1/4 lb., \$1.00.

## ASPARAGUS ROOTS

The easiest way to obtain an Asparagus bed is to set out the roots. It takes 3 years to establish one from seed, but with our large, 2-year roots a bearing bed may be had in two years. We can furnish strong, selected roots of the variety listed, at the following prices:

MARY WASHINGTON. 25 for \$1.25;  
50 for \$2.25; 100 for \$4.00, not postpaid.

## ARTICHOKE

GREEN GLOBE. Perennial, large-flowering heads, cooked like asparagus. Matures second year; not hardy in the North. Pkt., 15c.

## BASIL, SWEET

Large green leaf used for seasoning.

Pkt., 15c; oz., 50c.

## BROCCOLI

ITALIAN GREEN SPROUTING. (Close Heading.) Planted and used the same as Cauliflower, bluish green color, largely used by market gardeners. The plants require plenty of water. Seed started in June will make heads which will be in good condition all winter. Seed started earlier will bring heads in for summer. Broccoli takes longer to mature than Cauliflower, allow 2 or 3 weeks more.

Pkt., 15c; 1/2 oz., 30c; oz., 50c.

## BROCCOLI - RAAB

RAPA. (Italian Turnip.) Used as early greens, leaves are broad strap leaf Turnip type.

Pkt., 15c; oz., 35c; 1/4 lb., \$1.00.



## BRUSSELS SPROUTS

**Delicious Miniature  
Cabbages**

1 ounce will produce 3000 plants.

### LONG ISLAND IMPROVED.

A very hardy plant of the Cabbage family, in this section may be left in the ground up to December. The plants of the Long Island strain do not grow up very tall but are covered from the ground up with large solid sprouts.

Brussels Sprouts Pkt., 15c; 1/2 oz., 30c; oz., 50c.



Wax  
Beans

## Beans for the Home Garden

### Wax Podded Pole Beans

1 lb. will plant about 100 hills.

Pole Beans require considerable care. They are, when properly grown, of long bearing period, more sensitive to wet and extremes of temperature than the dwarf varieties and should not be planted as early. Set in rows about 4 feet apart, preferably running north and south, allowing about 3 feet between the poles in the row. Plant 6 to 8

Beans around each pole and thin to 3 or 4 plants.

\*KENTUCKY WONDER WAX. This pole Bean is quite similar to the very popular green-podded Kentucky Wonder, except that the very long pods are a little broader, and of a waxy golden yellow. These are very attractive, fleshy, stringless and not surpassed in quality.

Pkt., 25c; lb., 70c; 2 lbs., \$1.35;  
10 lbs. or over, 65c per lb.

### Green Podded Pole Beans

\*KENTUCKY WONDER or OLD HOME-STEAD. Pods are borne in large clusters, are of unusual length, nearly round, silvery green; when young, crisp, entirely stringless, of fine texture and flavor. Vine bears early and is very productive. Used only as a String Bean.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25;  
10 lbs. or over, 60c per lb.

SCARLET RUNNER. Largely grown as an ornamental climber; its rapid growth and early production of dazzling flowers make it a favorite for covering screens, walls, etc. It is also of excellent edible qualities, but rarely grown for that purpose. Pkt., 25c; lb., 65c; 2 lbs., \$1.25;  
10 lbs. or over, 60c per lb.

WORCESTER MAMMOTH HORTICULTURAL. The Beans, though closely resembling those of the common strain, are much larger. Its strikingly handsome pods combined with its great size are both features of excellence which recommend it. Pkt., 25c; lb., 70c; 2 lbs., \$1.35;  
10 lbs. or over, 65c per lb.

### ENGLISH BROAD BEANS

BROAD WINDSOR. An old-fashioned English shell Bean. This Bean is very hardy; it should be planted as early as the ground will permit, 3 to 4 inches deep in rows 3 feet apart, and plants 1 1/2 feet apart in row. Dry Beans very large and yellowish green. Pkt., 25c; lb., 75c.

### EDIBLE SOY BEANS

BANSEI. These Beans are not only delicious when eaten green or dry, but they are also an excellent source of Vitamins A, B, and G. The Bansei variety is one of the earliest, and very productive. Plants grow 24 inches high and do not require support. They are literally loaded with pods. Seeds are bright green while young and yellow when matured. Pkt., 25c; lb., 50c;  
2 lbs., 95c; 10 lbs. or over, 45c per lb.

## LIMA BEANS

### Bush Limas

1 lb. will plant about 50 hills.

More hardy than the pole varieties and therefore may be planted earlier. Make rows 2 feet apart and plant the Beans, eyes down, every 2 inches. Cover about 2 inches deep. Thin to 6 inches. Note: In very wet weather bush Lima Beans will sometimes send out runners about 2 feet long.

HENDERSON'S BUSH LIMA. 65 days. A flat-seeded baby Lima Bean. It is one of the earliest Limas and very productive.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25;  
10 lbs. or over, 60c per lb.

BURPEE'S IMPROVED BUSH LIMA. A distinct strain. The earliest, largest, and the best of all large Limas. This strain differs from the popular Burpee's Bush Lima in bearing uniformly much larger pods, producing more Beans, while both pods and Beans are much larger and thicker. While the Beans are as large as those of the large Lima, the crop of the Improved is ready for gathering from 8 to 10 days earlier. In quality the Beans are equal to any, being thin-skinned, juicy and of fine flavor.

Pkt., 25c; lb., 70c; 2 lbs., \$1.35;  
10 lbs. or over, 65c per lb.

FORDHOOK BUSH LIMA. One of the leading varieties of bush Lima Beans. The plant is of stiffly erect habit, the Beans are much larger and of superior quality and even when full size are juicy and of fine flavor.

Pkt., 25c; lb., 70c; 2 lbs., \$1.35;  
10 lbs. or over, 65c per lb.

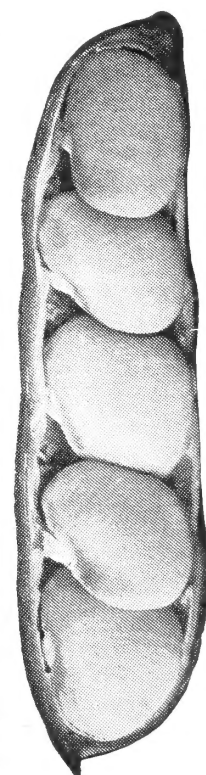
### Pole Limas

1 lb. will plant about 100 hills.

### KING OF THE GARDEN

LIMA. Earlier than the large Lima, and the pods are longer and often contain 5 Beans of the largest size. The vine is large and of remarkably vigorous growth and will produce larger pods and bear earlier if only two are allowed to grow to the pole.

Pkt., 25c;  
lb., 70c; 2 lbs., \$1.35;  
10 lbs. or over, 65c per lb.



Lima Bean

**Don't Forget  
NOD-O-GEN  
For Beans**

See page 6

If you are in doubt as to the varieties best suited for your garden, let us select these for you. We will make the selection for you if you will tell us the quantities you require. Buy only good seeds.

# ROSS' BEANS - Tender - Productive



1 lb. will plant 100 ft. of drill; 60 to 90 lbs. an acre.

Beans succeed best in warm, light soil of at least average fertility. In this latitude it is not usually safe to plant much earlier than the middle of May. If planting is made earlier and is followed by especially wet or cold weather, the planter should not blame the seedsman if Beans fail to germinate. Plant the dwarf varieties in drills 2 to 3 feet apart, about 2 inches deep, and thin plants 4 to 6 inches apart. Give frequent shallow cultivation until time of blossoming.

## Dwarf Wax or Butter Beans

**CHEROKEE WAX.** A straight yellow pod 5 to 6 inches long, oval-shaped and fine flavor. It is very productive. The flesh is tender, brittle and without strings. Excellent for home or market garden. Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

\***BRITTLE WAX.** One of the best early varieties. The pods are round and long, often 6 inches in length, and a rich golden yellow; stringless and tender. When ripe, makes good shell Beans. Pkt., 25c; lb., 80c; 2 lbs., \$1.55; 10 lbs. or over, 75c per lb.

**SURE CROP STRINGLESS WAX.** Clear amber, stringless pods. Ideal for home or market gardens. Strong grower, dependable cropper. An absolutely stringless, rust-proof wax-pod, bush Bean. Pods 7 to 7½ inches long, about half an inch in diameter, and a beautiful rich yellow color. Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

\***PENCIL POD BLACK WAX.** Best of all the dwarf black-seeded wax Beans. It is early and productive, bearing rich yellow, nearly straight, round pods 5½ to 6 inches long. Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

**ROUND POD KIDNEY WAX.** Of unsurpassed quality. One of the best for the home garden and very desirable for market, where round-podded varieties are popular. Pods are long, very white and wax-like; uniformly perfect in shape and vine is very productive. Pkt., 25c; lb., 80c; 2 lbs., \$1.55; 10 lbs. or over, 75c per lb.

**IMPROVED GOLDEN WAX.** An old, well known and popular variety of excellent quality. Pods flat, long, golden yellow. One of the earliest and best dwarf wax varieties for the private garden. Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

## Dwarf or Bush Shell Beans

**DWARF HORTICULTURAL.** Pods thick, broad, of medium length, yellowish green splashed with red when at the stage of fitness for green shell Beans and are then very attractive. Pkt., 25c; lb., 75c; 2 lbs., \$1.45; 10 lbs. or over, 70c per lb.

\***FRENCH HORTICULTURAL.** The vines are compact and of upright growth; almost always sending out runners to a height of 1½ to 2 feet, but do not climb a pole and are not of sufficient length to affect the Bean in any way. The pods when ready to use are a yellowish green splashed with a bright crimson. Very prolific. Pkt., 25c; lb., 80c; 2 lbs., \$1.55; 10 lbs. or over, 75c per lb.

## Dwarf or Green Podded Bush Beans

**TOPCROP.** The pods of Topcrop are round, 5½ to 6 inches long. They are earlier than Tendergreen, ready for picking in 51 to 53 days. Height of plant 15-16 inches. Because of its mosaic resistance it has consistently outyielded the commercial varieties such as Tendergreen, Longgreen and others. Canning and freezing tests have shown it is very satisfactory. Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

**BURPEE'S GREEN POD STRINGLESS.** A very desirable dwarf podded snap sort for the home garden and largely grown for the market. Pods medium green, 5 to 6 inches long. Seed of medium size and length, yellowish brown. Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

**TENDERGREEN.** There's a profusion of exquisitely tender green pods. A green-podded Bean of unusual merit. The pods are long, light green in color, round and absolutely stringless. It yields a heavy crop of early Beans. Early, prolific, stringless. Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

**WADE.** 1952 introduction of U.S.D.A. Pods are 5½ to 6 inches long, round, dark green, fleshy and delicate in flavor. This variety is resistant to common Bean mosaic and powdery mildew. Pkt., 25c; lb., 75c; 2 lbs., \$1.45; 10 lbs. or over, 70c per lb.

\***BOUNTIFUL.** Vine unusually thrifty, rarely affected by blight, bears early, profusely and for a long time. Pods large, flat but thick and meaty, stringless and tender. Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

**BOSTON SMALL PEA.** More largely used than any other variety for baking. Choice select. Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**IMPROVED YELLOW EYE.** One of the best sorts for baking; extremely productive and of superior quality. Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**RED KIDNEY.** Large red kidney-shaped Beans of excellent quality. The old-fashioned baking Beans. Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

## Don't Forget

To get a summer-long supply of this delicious vegetable, sow seeds every two weeks. Order sufficient seeds now for your season's needs.

## Mangels Overgrown Beets for Live Stock

The Mangels furnish large quantities of nutritious and healthful food for stock and poultry. Yields 25 to 30 tons per acre.

1 oz. to 100 feet of drill; 5 lbs. per acre.

**Culture:** Both Mangels and Sugar Beets require deep, well enriched soil. Sow in May or June in rows 18 inches to 2 feet apart and 6 to 8 inches in the row. Young plants may be transplanted to fill up vacancies. As soon as frost occurs, dig the crop. For winter store in cellar or in pits. Sow 5 to 6 pounds per acre. Mangels make excellent and rich as well as cheap winter feed for poultry.

**GOLDEN TANKARD.** It is one of the best stock Beets grown. It has yellow flesh, very distinct variety, being short with very little tap root and very easy to harvest. Top and neck very small; root ovoid, flesh yellow, zoned with white; an excellent sort.

1-oz. pkt., 15c;  
¼ lb., 35c; lb., 80c.

**MAMMOTH LONG RED.** This is truly a mammoth, a single root often weighing 20 to 30 pounds. The extra large, long roots are blood-red in color and very nutritious. Enormously productive, yielding, under favorable conditions, 30 to 40 tons of roots per acre.

1-oz. pkt., 15c;  
¼ lb., 35c; lb., 80c.

## Klein Wanzleben

High Sugar Content;  
Popular With  
Sugar Beet Growers.

Root is conical, straight and even, large at top and tapering. Contains the largest percentage of saccharine matter.

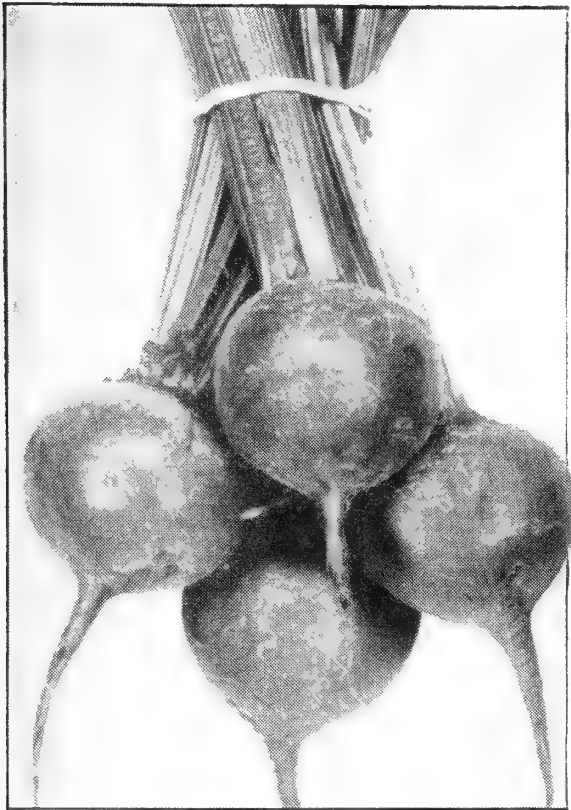
Oz., 15c; ¼ lb., 35c; lb., 80c.



Mammoth  
Long Red  
Mangel



# ROSS Time-Tested BEETS For Table, Pickling and Canning



*Detroit Dark Red Beet*

## Successive Plantings - for Beets the Right Size All Summer Long

*An ounce will sow about 100 feet of drill;  
5 to 6 pounds required for an acre.*

The Beet thrives best in a deep, rich, but rather light soil. Sow in drills about 15 inches apart and 1 inch deep. Make the soil firm over the seed. For early use, sow as soon as the ground can be worked; for fall use, in May; for winter from the 20th of June to the middle of July, according to the variety. Thin plants to 4 or 5 inches apart. Give frequent shallow cultivation.

**\*CROSBY'S EARLY EGYPTIAN EXTRA SELECTED STRAIN.** For several years we have given this especial attention and have succeeded in eliminating the light colored, coarse-fleshed specimens peculiar to the Egyptian. Roots are more uniform in shape and tops are more even in growth, a little smaller. We confidently recommend it to market gardeners as an unsurpassed strain. Pkt., 15c; oz., 30c; ¼ lb., 75c.

**For Another Delicious Green, Try  
Swiss Chard. It's a Beet, You Know.**

**\*EARLY WONDER.** An improved Crosby Egyptian Beet. Smooth, dark red flesh. Extra good for market gardeners. One of the earliest and most perfectly shaped Beets. Its beautiful deep blood-red color, globular-shaped roots, make it valuable for the home garden. The attractive appearance, uniform size, shape and color have created a very heavy demand for this variety. It is grown very extensively for late sowing. Pkt., 15c; oz., 30c; ¼ lb., 75c.

**LONG SEASON.** No garden is complete without some Long Season Beets. They are rather late and somewhat rough in shape but there is no finer Beet to eat in the summer and to store for winter. No matter how big they grow, they remain just as sweet and tender as tiny young Beets and they have a delicious flavor all their own. Pkt., 15c; oz., 40c; ¼ lb., \$1.25.

**\*DETROIT DARK RED.** A superior second-early and main crop variety rapidly growing in favor for late planting. Tops uniformly small and grow upright so that the rows may be close together. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.00.

**DEWING'S BLOOD.** One of the leading main crop varieties. Pkt., 15c; oz., 30c; ¼ lb., 75c.

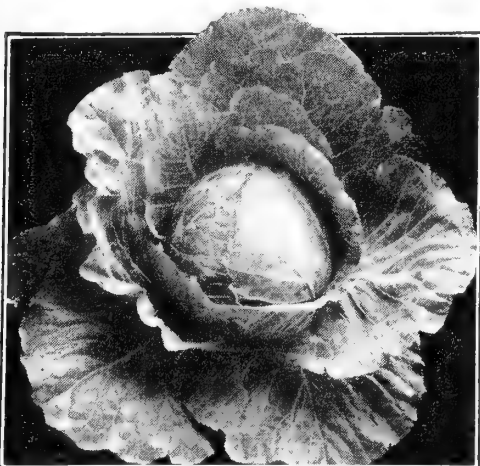
## CABBAGE—Eat Raw, Cooked or in Cole Slaw

*1 pkt. produces 250 plants; 1 oz. produces 3000 plants.*

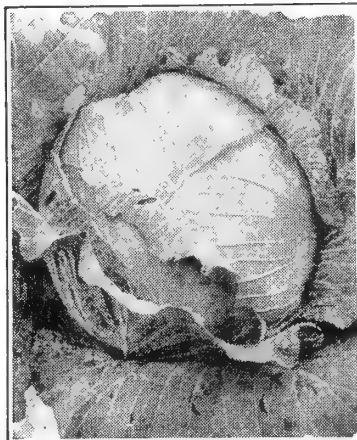
The seed we offer is absolutely new stock from the best professional growers. A heavy rich loam, thoroughly cultivated, highly manured and worked deep is most suitable to Cabbage. Early Cabbage should be planted under glass in March and transplanted 2 feet apart as soon as ground outside can be prepared. For late plants, sow in hills in open ground in May. Transplant in July.

**\*THE EARLY COPENHAGEN MARKET.** A New England favorite Cabbage. Large heads, solid light green, round, excellent quality. The earliest large, round-headed Cabbage yet introduced. Matures 68 days after transplanting. It is a very sure heading and uniform variety of hardy and compact growth. The heads are 7 to 8 inches in diameter and weigh 3 or 4 pounds. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**EARLY JERSEY WAKEFIELD.** Although this variety is not as early as the preceding one, it will be found the very best conical heading sort to come in immediately after. It is very compact, medium size, conical, and a sure header. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.



*Danish Ballhead Cabbage*



*Copenhagen Market Cabbage*

**AMERICAN IMPROVED SAVOY.** The best of the Savoy type, which should be more largely grown. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**\*DANISH BALLHEAD.** This short-stemmed type is popular on account of the great solidity and weight of the head; it is a strong, vigorous grower, producing large, round, compact heads, almost as hard as iron, weighing when trimmed, fully one-fourth more than any other Cabbage of equal size. In consequence, it keeps in condition until spring. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**GOLDEN ACRE.** (Danish Grown.) An extra early selection of the Copenhagen type, and the earliest of the round-headed Cabbages, maturing with Jersey Wakefield. Plant small, dwarf and compact, with few outer leaves; heads of medium size, round as a ball, hard, solid and very uniform. We believe it to be the earliest Cabbage in existence. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**PENN STATE BALLHEAD.** Originated by Dr. Meyers of the Pennsylvania State College. It is a short stem variety, medium size heads, very hard and the color a bright green. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**MAMMOTH ROCK RED.** Head larger and more solid than Red Drumhead; reliable in heading. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**FOR GOOD CROPS IT IS IMPORTANT  
TO PLANT ROSS' SELECTED SEEDS**

### CHINESE CABBAGE

**A Real Treat is in Store for  
Those Who are Planting it  
For the First Time**

**CHIHILI.** Quick growing species of Cabbage, chiefly for fall use, as it runs to seed badly in summer. Heads are tall and cylindrical with large midribs. An enormously productive crop of mild Mustard-like flavor. 14 to 18 inches in height. Pkt., 15c; ½ oz., 25c; oz., 45c.



*Chinese Cabbage*

# ROSS CARROTS

A Family of Quality - They Speak for Themselves  
*A "Must" for Every Garden*



*Danvers Half-Long*

**\*CHANTENAY.** The Most Popular of All Home Garden Carrots. A popular favorite for its rich orange-red color, its fine grained flakes, its superb flavor. Fully developed, it averages 6 inches in length, is broad at the neck and narrows gradually to a round blunt base. Pkt., 15c; oz., 35c; ¼ lb., \$1.00.

**Culture:** Prefers a deep mellow soil. Sow seed in April for early, or in July for fall crop. Sow seed one-half inch deep in rows 12 inches apart. Thin out to 3 inches apart. If their growth is checked, Carrots split and become rooty. To avoid this, water them thoroughly during a drought. Make successive plantings so as to assure a constant supply all summer. Seed may be sown from early spring to as late as August first.

**\*DANVERS SELECTED HALF-LONG.** It is more easily harvested than the longer type, and is excellent to sow for winter, for stock or table use. Pkt., 15c; oz., 35c; ¼ lb., \$1.00.

**\*HUTCHINSON.** A very large, nearly cylindrical, stump-rooted Carrot, 10 to 12 inches in length, good color, and immensely productive. Pkt., 15c; oz., 40c; ¼ lb., \$1.35.

**IMPERATOR.** For market and home garden use. Tops medium, but strong enough for good bunching. Flesh rich orange color, extending to center of root, with indistinct core. Pkt., 15c; oz., 35c; ¼ lb., \$1.00.

**NANTES, IMPROVED CORELESS.** (68 days.) Because of its fine quality, this variety is one of the best for the home garden as well as for the market. Roots 6 to 7 inches long, same the whole length with a smooth, waxy appearance. Pkt., 15c; oz., 35c; ¼ lb., \$1.00.

**LONG ORANGE IMPROVED.** Large size, tapering to a point, of deep orange color, and adapted to garden or field culture. A valuable food for stock. Pkt., 15c; oz., 35c; ¼ lb., \$1.00.

**TENDERSWEET.** The brightest and sweetest of all Carrots. For main crop the deep reddish orange roots are most attractive. The roots are 8 to 10 inches long, coreless, red throughout and taper to a blunt point. Pkt., 15c; oz., 35c; ¼ lb., \$1.00.

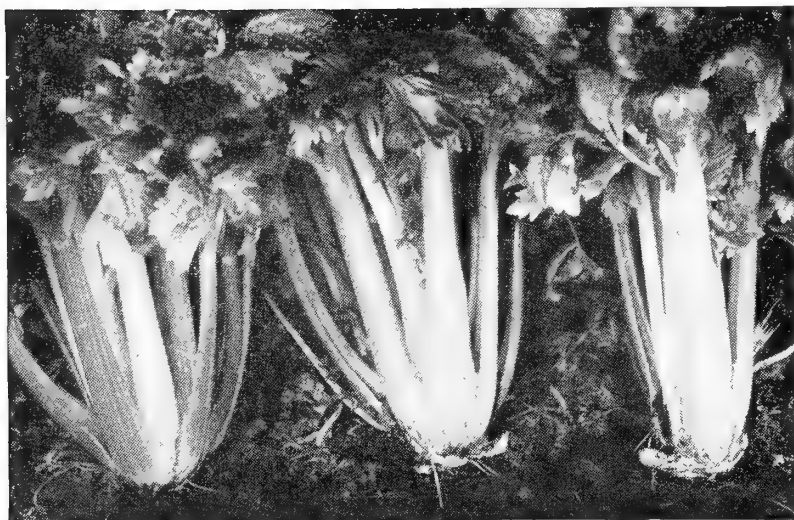


*Nantes Coreless*

Delicious Vegetables from your Own Garden Contain the Vitamins You Need

## CELERY

For Home and Commercial Grower



*Celery, Golden Self-Blanching*

*An ounce will produce about 10,000 plants.*

Celery is generally grown as a second crop, following early Cabbage, Onions, Peas, etc. Sow early in April, transplanting about the first of June. Set in rows about 3 feet apart.

**\*EASY BLANCHING.** The plant is of medium height, of great vigor, having thick rather than broad stalks, with shallow ribs. The stalks are very brittle and the flavor extremely spicy. Pkt., 15c; ½ oz., 45c; oz., 80c.

**GIANT PASCAL.** One of the best for winter use; leaves upright, short and dark green. Pkt., 15c; ½ oz., 45c; oz., 80c.

**GOLDEN SELF-BLANCHING.** The most popular variety for market, easily blanched, very attractive, of good quality though not equal to some of the green Celeries. Pkt., 15c; ½ oz., 60c; oz., \$1.00.

**SUMMER PASCAL.** A new early green variety of fine quality. Plants are medium tall, with thick, round stalks. It blanches quickly and crops soon after Easy Blanching. Pkt., 15c; ½ oz., 60c; oz., \$1.00.

**WHITE PLUME.** The earliest and most easily blanched of all varieties, very showy, of good quality. Pkt., 15c; ½ oz., 30c; oz., 50c.

### CELERIAC

Turnip-Rooted Celery

Sow seed and treat in first stages of growth as directed for Celery. Set in rows 2 feet apart and 6 inches apart in the row. When roots have reached a size of 2 inches in diameter they are ready for use. These are boiled, sliced, and eaten with vinegar. To keep through winter, they should be packed in moist sand or earth.

**LARGE SMOOTH PRAGUE.** An improved sort with nearly round roots which have but few side roots. Pkt., 15c; ½ oz., 50c; oz., 80c.

**We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.**

### CHICORY

**WITLOOF, or FRENCH ENDIVE.** Esteemed as a salad plant. Spring-sown seed produces Parsnip-like roots by November. Cut the leaves off 1½ inches from the neck, trench 1½ inches apart, cover with soil 8 inches over crown; then place a 2- or 3-foot layer of fresh manure which induces new growth of blanched leaves folded like Cos Lettuce, which are eaten raw as salad. Pkt., 15c; oz., 40c; ¼ lb., \$1.25.

### COLLARDS

*One ounce for about 5000 plants.*

Collards are very largely used as "greens" in some parts of the country, especially in the South. They are a form of loose-headed Cabbage.

**GEORGIA.** The most satisfactory variety for general use. Pkt., 15c; oz., 25c.

### CHIVES

A small, hardy perennial plant resembling Onions in appearance and growing in clusters. They are grown for the leaves, which are produced freely from early spring, and give a mild Onion flavor to sausages, salads and soups. They can be easily grown in pots at a sunny window during the winter. Pkt., 15c.

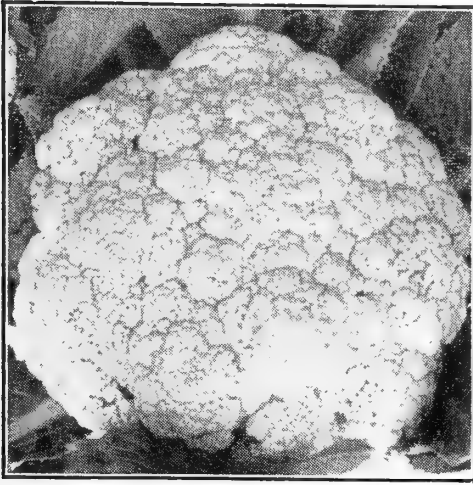
**For quick long distance shipping use AIR EXPRESS.**

#### OUR PRICES

Have been reduced to the lowest point consistent with the production of good quality seeds. The varieties of vegetable seeds offered on these pages are the best and most popular varieties in their respective classes, as required for the Ross standard of excellence.



# Practical Easy to Grow Vegetables



*Cauliflower*

## CAULIFLOWER

*An ounce will produce 3000 plants.*

Sow the first week in May, transplant in July. For wintering under glass, sow second and last week in September, transplant into cold frame, give plenty of air in mild weather and cover up in severe. Again, sow in February in a hot-bed and transplant in April. Use plenty of rotted manure. Select new ground, as Cauliflower rarely succeeds on ground which has been cropped year after year. Plant in rows 20 inches apart and 2 feet between rows.

\***EARLY SNOWBALL SELECT.** The earliest and surest to head. We offer an unsurpassed strain from one of the leading growers in Denmark. Pkt., 15c; ¼ oz., 75c; ½ oz., \$1.40.

## SWISS CHARD

**LARGE WHITE RIBBED.** Used for greens only. Much superior to other Beets for greens. Plants should be thinned to about 1 foot apart. When the plants have attained full size the stems and mid-ribs are sometimes cooked and served like Asparagus.

Pkt., 15c; oz., 25c; ¼ lb., 70c; lb., \$1.75.

**FORDHOOK GIANT.** Tall and sturdy; increasingly used. Leaves broad, heavily crumpled, dark green; stems broad, thick, white.

Pkt., 15c; oz., 25c; ¼ lb., 70c; lb., \$1.75.

**LUCULLUS.** A robust grower, attaining a height of 2 to 2½ feet. The stalks are thick, creamy white, and heavily ribbed. Leaves are very large, green, and heavily crumpled.

Pkt., 15c; oz., 25c; ¼ lb., 70c; lb., \$1.75.

**RHUBARB CHARD.** It has the same coloring as Rhubarb. Stalks are a bright crimson. Tasty, delicious flavor.

Pkt., 15c; oz., 30c.



*Swiss Chard*

## DANDELION

*An ounce will sow 200 feet of drill;  
2 pounds to the acre.*

Sow early in the spring in rich soil in drills 15 to 18 inches apart, cover lightly but make the earth firm.

**IMPROVED THICK-LEAVED, or CABBAGING.** A distinct variety unsurpassed in thickness of leaf and deep green color. It grows compactly, forming a regular tuft.

Pkt., 15c; ½ oz., 90c; oz., \$1.50.

**CICCORIA CATALOGNA, or ITALIAN DANDELION.** Pkt., 15c; ½ oz., 30c; oz., 50c.

## DELICIOUS POPCORN FOR PLANTING

**GOLDEN PEARL.** Has a large yellow kernel that pops well to an immense size. Tender and fine flavored.

Pkt., 25c; lb., 55c;

10 lbs. or over, 45c per lb.

**To keep Cauliflower snowy white, soak for half an hour in cold salt water before cooking.**

## CUCUMBERS

*One packet of seed will sow 15 hills;  
1 ounce 50 hills.*

**SURE CROP HYBRID.** A true hybrid Cucumber of great vigor and amazing yield. Fruits are slender and intensely dark green throughout. 8 inches. Pkt., 25c.

**MARKETER.** A fine dark green Cucumber, 7 to 8 inches long. Vines vigorous and productive. An ideal variety for market and home garden. Pkt., 15c; oz., 35c; ¼ lb., 90c.

**COLORADO.** W.S. Fruits very dark green, cylindrical, tapering at stem end, very small seed area, fine for slicing. 8½ inches long, 2½ inches in diameter and matures in 68 days. Pkt., 15c; oz., 35c; ¼ lb., 90c.

**LONGFELLOW.** Unusually long, slender, dark green variety. Not a heavy yielder, but fruits are of extra fine appearance. Tops where quality is appreciated.

Pkt., 15c; oz., 35c; ¼ lb., 90c.

**CHICAGO PICKLING.** 58 days. 6 to 7 inches long, 2½ inches thick. Very productive, rich dark green skin. Pkt., 15c; oz., 35c; ¼ lb., 90c.

**BOSTON PICKLING.** For pickling. Its fruit is short, pointed at each end, productive, and of superior quality. Pkt., 15c; oz., 35c; ¼ lb., 90c.

\***EARLY FORTUNE.** The plant is early, very vigorous, with an exceptionally heavy, thick foliage and is almost disease-resistant and very productive. Fruits are uniformly 9 inches long, slightly tapering towards each end, perfectly round and of a very dark green color which does not fade in shipping; flesh very thick, firm and crisp, and exceedingly small seed cavity.

Pkt., 15c; oz., 35c; ¼ lb., 90c.

**IMPROVED WHITE SPINE.** Perfection has been attained in this improvement in the White Spine family. It is early, prolific, and produces a continuous crop of uniformly large and symmetrical fruits, faintly marked with light yellowish shading toward the tip.

Pkt., 15c; oz., 35c; ¼ lb., 90c.

**LONG GREEN.** An old standard variety, very popular for home gardens, but little used for market. Fruit very long, slender, very firm and crisp, uniformly dark green; makes fine pickles and is the best of all when ripe for making sweet pickles. Pkt., 15c; oz., 35c; ¼ lb., 90c.

**STRAIGHT-8.** W.S. For home and market garden, and shipping. Fruit uniformly cylindrical, rounded at ends, medium green, 8 inches long, 2¼ inches in diameter, and matures in 66 days. Pkt., 15c; oz., 35c; ¼ lb., 90c.



*Colorado Cucumber*

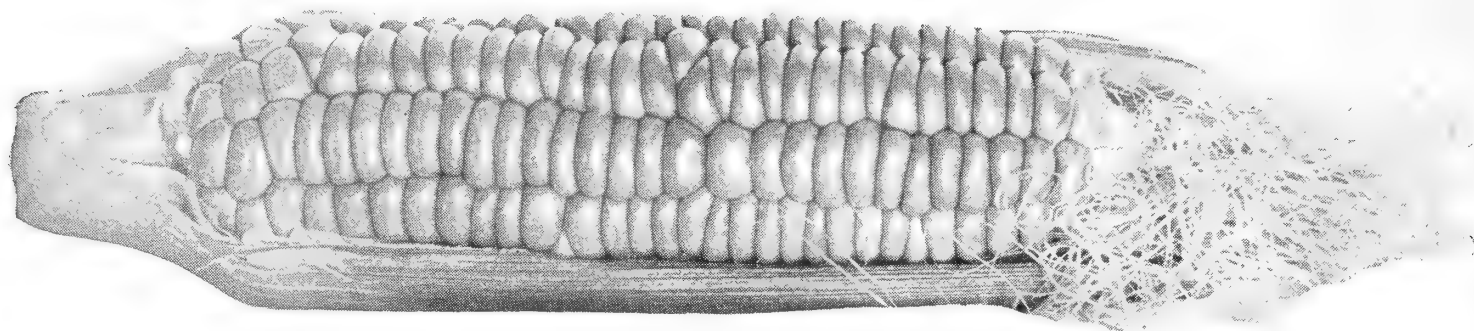
*Improved White Spine*

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**Cucumbers are at their best when they are ¾ their mature length. They make the best salad when the seeds are still immature.**

# THE BEST SEED CORN

Northern Grown Seed Corn  
Means Earlier Crops



Sweet Corn can be raised on any good, ordinary soil that is thoroughly worked. Plant five kernels to a hill, which should be about 3 feet apart each way, or plant in rows, one seed every 3 inches, covering seed with about 1 inch of soil firmly pressed down. Thin out to three plants to a hill. For succession, plant every two weeks up to July 15th.

*A pkt. of seed will plant about 50 hills or about 75 ft. of row. 1 lb. of seed will plant about 400 hills or 1000 ft. of row.*

## HYBRID SWEET CORN

**CARMELCROSS.** 80 days. Improved strain. In many respects it resembles Golden Cross, but a week earlier. Stalks are a little shorter with large ears of excellent quality. Pkt., 25c; lb., 80c; 2 lbs. \$1.55; 10 lbs. or over, 75c per lb.

**\*GOLDEN CROSS BANTAM.** 88 days. Introduced jointly by the U. S. Department of Agriculture and Purdue University Agricultural Experiment Station. Excellent for market gardeners. Highly resistant to Stewart's disease and very prolific. Stalks sturdy, with exceptionally broad, dark green leaves. Ears 10- to 14-rowed, slightly lighter yellow than Golden Bantam.

Pkt., 25c; lb., 80c; 2 lbs., \$1.55; 10 lbs. or over, 75c per lb.

**IOCHIEF.** 93 days. Outstanding as a larger eared Corn of Golden Cross type. The 14- to 20-rowed ears are deepkerneled and bright golden in color. Stalks are strong and leafy with heavy husks of good color. Pkt., 25c; lb., 80c; 2 lbs., \$1.55; 10 lbs. or over, 75c per lb.

**MARCCROSS 6x13.** We consider this the earliest large-eared hybrid. This variety has proved very prolific, very vigorous in growth and for such an early variety produces quite large ears. 74 days.

Pkt., 25c; lb., 80c; 2 lbs., \$1.55; 10 lbs. or over, 75c per lb.

**SPANCROSS.** 70 days. Earliest yellow hybrid. On warm sandy land it produces the earliest crop.

Pkt., 25c; lb., 80c;

2 lbs., \$1.55; 10 lbs. or over, 75c per lb.

**MARCCROSS S.** 72 days. Several days earlier than Marccross 6x13; resistant to cold and wilt; dependable for an extra early crop of uniformly large ears.

Pkt., 25c; lb., 80c;

2 lbs., \$1.55; 10 lbs. or over, 75c per lb.

## STANDARD VARIETIES OF SWEET CORN

**GOLDEN BANTAM.** A favorite with all who have grown it. The most famous Sweet Corn in the world today. It is the richest and sweetest of all varieties of Sweet Corn. Golden Bantam is dwarf, the stalks are usually 5 to 6 feet high, and the foliage is short, allowing it to stand closer together in the small garden and thus produce a large crop on a small area. We recommend planting Golden Bantam every 10 days during the planting season and you will be assured of a continuous supply of the best Sweet Corn.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**GOLDEN GIANT.** This is a cross between Golden Bantam and Howling Mob. Winner of the silver award for novelty excellence at Massachusetts Horticultural Show. Gives four times the yield per acre and twice the size of Bantam. Rich in color.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**GOLDEN MIDGET.** A 68-day Corn. Ears 3½ inches long, of excellent quality; fine for the home garden.

Pkt., 25c; lb., 85c.

**GOLDEN SUNSHINE.** The value of this variety lies in the fact that it matures several days in advance of the well known Golden Bantam. The ears are very compact, about the same size of Golden Bantam, but more refined in appearance, having from 10 to 12 rows of grain. It is a very rapid grower.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**BANTAM EVERGREEN.** (Yellow.) A yellow variety maturing about 10 days after the Golden Bantam and a week earlier than the Stowell's Evergreen white. It has an ear 3 times the size of Golden Bantam and runs 12, 14 and 16 rows to the ear. The stalk is about 6 feet tall and is perhaps 1 foot shorter than Stowell's Evergreen and 2 feet taller than Golden Bantam. The Bantam Evergreen has the tender and sweet qualities of the Golden Bantam and combines the quality of the Golden Bantam with the productiveness of Stowell's Evergreen. As a table variety it is unexcelled.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**WHIPPLE'S EARLY YELLOW.** Twice the size of Golden Bantam and matures about the same time, grows ears 7 to 8 inches long and 12- to 16-rowed, with often two ears to one stalk. Quality is unequalled.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**ORNAMENTAL.** (Flint Field Corn.) Extra bright and varied colored strain with large ears for decorative use. We have constantly improved this strain until it contains all known colors in bright combinations.

Pkt., 25c; lb., 65c.

## Black Mexican

A popular variety; until the introduction of the Golden Bantam, the sweetest of all. Ears of medium size; kernels large, when ripe bluish black, but at proper stage for cooking, the color shows but little if at all.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

## Open Pollinated White

**STOWELL'S EVERGREEN.** The best known and most largely planted of all varieties. The Stowell's Evergreen is hard to beat and for a long time to come many will have it in preference to any other sort. Yields large ears and long, deep kernels, with rich sugary flavor and long keeping qualities. It is the standard late sort.

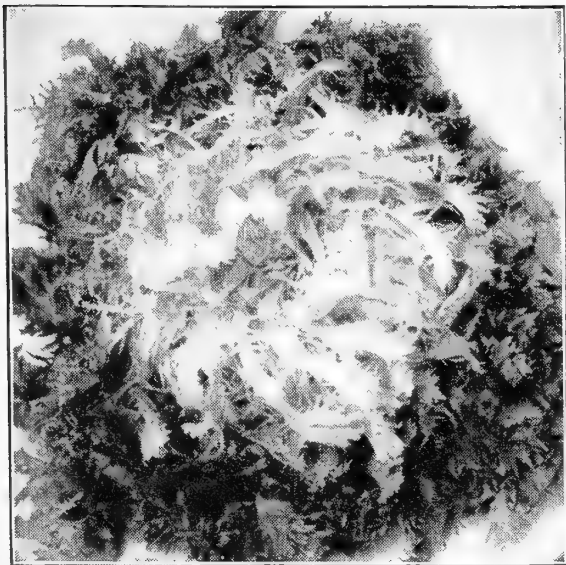
Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.



*Bantam Evergreen*



# ENDIVE



*An ounce will sow 300 feet of drill, producing from 2000 to 2500 plants.*

Endive, like Lettuce, may be grown at any season, but is more generally used in the fall. For early use, sow in April, for later, until July, in drills 18 inches apart, or in beds for transplanting, plants should stand 10 to 12 inches apart in the row. When nearly full grown tie outer leaves over center to blanch the heart, or blanch with boards as with Celery.

**MOSS CURLED.** Of dense growth and finely curled. Pkt., 15c; oz., 35c; ¼ lb., 85c.

**LARGE GREEN CURLED.** Of large growth, not so much curled as preceding. Pkt., 15c; oz., 35c; ¼ lb., 85c.

**BATAVIAN BROAD-LEAVED (Escarolle).** A variety having broad, more or less twisted and waved bright green leaves with thick, nearly white midribs. The inner leaves form a fairly solid, clustering head which blanches a beautiful deep creamy white and is crisp, tender, and of fine flavor. Unsurpassed for salads. Pkt., 15c; oz., 35c; ¼ lb., 85c.

## DILL

An annual of aromatic odor and warm pungent taste. Its seeds are used for seasoning. It possesses medicinal properties but its largest use is for making dill pickles. Plant branching, 2 to 3 feet high; leaves very much cut into thread-like segments. Pkt., 15c; oz., 30c; ¼ lb., 75c.

## FENNEL (Finocchio)

**FLORENCE or NAPLES.** Resembles Celery in flavor but has a sweet taste and delicate odor. Should be sown in spring in drills 18 inches apart and the plants thinned to 5 or 6 inches apart. Pkt., 15c; ½ oz., 30c; oz., 50c.

## MUSHROOMS

**BROWN BOTTLE SPAWN.** One quart bottle will seed an area of 35 to 40 square feet, depending on the size of the piece planted. Bottle Spawn is now shipped, removed from the glass container. Mushroom culture sent with every spawn. Each, 85c; postpaid, \$1.30.

## MUSTARD

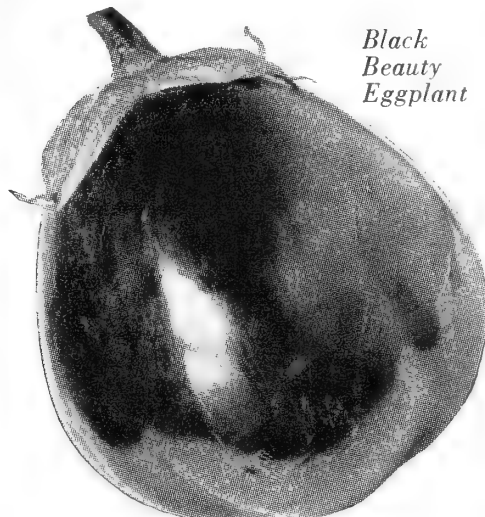
Used mainly for salads and greens. Sow as early as ground can be worked in drills 18 inches apart and one-half inch deep. Successive sowings every three weeks.

**WHITE or YELLOW.** The common variety used to flavor pickles. Pkt., 15c; oz., 25c; ¼ lb., 70c.

**SOUTHERN GIANT CURLED.** Large, light green leaves. The best for salads. Pkt., 15c; oz., 25c; ¼ lb., 70c.

## HERBS

	Pkt.		Pkt.
Anise .....	\$0.15	Lavender .....	\$0.15
Borage .....	.15	Marjoram, Sweet .....	.15
Basil, Sweet .....	.15	Rosemary .....	.15
Caraway .....	.15	Rue .....	.15
Catnip .....	.15	Sage .....	.15
Chervil .....	.15	Savory, Summer .....	.15
Chives .....	.15	Spearmint .....	.25
Coriander .....	.15	Tansy .....	.20
Dill .....	.15	Thyme .....	.15
Fennel .....	.15		



*Black Beauty Eggplant*

## EGGPLANT

*An ounce will produce about 2000 plants.*

**Culture:** Plant the seed in March in hotbed, or, for family use, in flower pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows 2 feet apart each way. Require rich soil.

**LONG PURPLE.** An extra early sort, fruits 7 to 8 inches long, 2½ to 3 inches thick; dark purple, smooth and attractive. Pkt., 15c; ½ oz., 45c; oz., 75c.

**NEW HAMPSHIRE HYBRID.** Remarkably early with oval fruits of medium size and good color. Plants are dwarf, but produce a heavy yield. Pkt., 15c; ½ oz., 45c; oz., 75c.

**BLACK BEAUTY.** A valuable variety, ready for use two weeks earlier than any other sort. The fruit is thick and of a rich purplish black color. Pkt., 15c; ½ oz., 45c; oz., 75c.



## KOHLRABI

*An ounce will sow about 200 feet of drill.*

The edible part is the Turnip-shaped bulb formed above ground. Combines somewhat the flavors of Cabbage and Turnip. Sow in light, rich soil early in spring in rows 1½ feet apart, thin to 6 inches apart in the row. Plantings at intervals of 10 days will give a succession until hot weather; when they fail to grow well. Plant the latter part of July for fall use.

**EARLY WHITE VIENNA.** (Extra for forcing.) Extremely early with small tops. Bulbs medium size, very light green or nearly white. Pkt., 15c; oz., 40c.

**EARLY PURPLE VIENNA.** Early with small top, the leaf stems being tinged with purple. Pkt., 15c; oz., 40c.

**For Long Distance—AIR EXPRESS**  
Three Miles Per Minute

# PARSLEY



**Every Garden Should Have a Few Plants. It Adds Zest and Color to the Menu.**

*One ounce will sow 200 feet of drill.*

Always required for garnishing, also used for flavoring soups and stews and in salads.

**Culture:** Sow early, seed is slow to germinate; early Radishes can be sown in same row and will be used before Parsley is up. A rich soil is best, but Parsley will thrive in any soil.

**CHAMPION MOSS CURLED.** This is a prize winning English variety. Handsome, compact plants. Leaves have the appearance of finely curled moss. Hardy and slow to run to seed. Pkt., 15c; oz., 35c; ¼ lb., 85c.

**PLAIN LEAF.** The leaves of this variety are flat, deeply cut but not curled. Desirable for flavoring soups and stews, and for drying. The curled sorts are more extensively used for garnishing. Pkt., 15c; oz., 35c; ¼ lb., 85c.

**PEERLESS.** A new selection, extra dark green and finely curled, long-stemmed and very hardy. Pkt., 15c; oz., 35c; ¼ lb., 85c.

## CRESS, CURLED or PEPPER GRASS

A small pungent salad plant, much liked by some with Lettuce. Like all salad plants, it should be grown on rich ground. Seed may be sown early in the spring, but if desired through the summer, repeated sowings will be necessary. Pkt., 15c; oz., 30c.

**WATERCRESS.** Thrives along brooks and in moist places. Sow broadcast and cover lightly. One of the most delicious salad plants. Pkt., 15c.

## KALE or BORECOLE

*An ounce will produce 2000 plants.*

**DWARF CURLED SCOTCH.** Sow in May and transplant in June, and treat generally as for Cabbage. Curled, low-growing variety; the leaves, when properly cooked, make very palatable greens. Pkt., 15c; oz., 30c; ¼ lb., 75c.

## LEEK

Leeks require rich soil. Sow early in spring in deep drills, 18 inches apart, cover with one-half inch of soil, thin plants to about 8 inches apart. Draw the earth around them as with Celery.

**AMERICAN BROAD FLAG.** A desirable strong growing, broad-leaved Leek, hardy and productive. Favorite with market gardeners and used for the home garden. Pkt., 15c; oz., 55c.

## OKRA or GUMBO

The young seed pods are used in soups or stewed and served like Asparagus. Best results would be obtained by sowing seed in the hotbed. Set plants in rows 2 feet or more apart and about a foot apart in the row.

**DWARF GREEN.** Early and productive; best for northern cultivation. Pkt., 15c; oz., 25c; ¼ lb., 70c.

**PERKINS' MAMMOTH LONG POD.** A dwarf but enormously productive variety. Pods long, slender, deep green and remain tender much longer than most sorts. Pkt., 15c; oz., 25c; ¼ lb., 70c.

# LETTUCE - Best Crisp Varieties



*Great Lakes*

*An ounce will produce from 3000 to 4000 plants.*

Lettuce thrives on nearly all soils, but because the growth should at all times be rapid to insure crispness and best flavor, the soil should be heavily enriched and well worked before planting. Lettuce being quite hardy, seed may generally be sown as soon as ground can be fitted, as while prolonged or continued freezing will kill the plants, they are but little injured by an ordinary frost. Seed may also be sown in hotbed in gentle heat, and the plants, if well hardened by having been often exposed to the air, may usually be set in the open ground very soon after the time suggested for sowing outdoors.

**OAK LEAF.** A loose leaf variety, fine for the home garden and of high quality. Very tender leaves; fine for growing in hot weather.  
Pkt., 15c; ½ oz., 30c; oz., 50c.

**BLACK-SEEDED SIMPSON.** Much larger than the preceding, but not so much curled. Forms a large, loose cluster of leaves rather than a head; leaves light yellowish green.  
Pkt., 15c; ½ oz., 30c; oz., 50c.

\***BLACK-SEEDED TENNISBALL.** More extensively grown in New England than any other variety both for first outdoor crop and for main crop, the medium sized heads being the size most liked by gardeners, while its compact form allows it to be grown more closely together than others.  
Pkt., 15c; ½ oz., 30c; oz., 50c.

**CRISP AS ICE.** A midsummer variety, surpassing all of this class in crispness, tenderness and fine flavor.  
Pkt., 15c; ½ oz., 30c; oz., 50c.

**BIG BOSTON WHITE SEEDED.** Probably the most generally used in cultivation. It is a Cabbage-head, butter type, medium large, finely shaped, globular, medium light green with slight tinge of brown on margins of outer leaves.  
Pkt., 15c; ½ oz., 35c; oz., 65c.

**EARLY CURLED SIMPSON.** (White-seeded.) An old variety, with broad, often frilled, very curly, light green leaves; sweet, tender, of fine flavor.  
Pkt., 15c; ½ oz., 35c; oz., 65c.

**GRAND RAPIDS.** One of the easiest varieties of Lettuce to grow. It forms no head but produces an abundant crop of pale green leaves, slightly but closely crumpled, which have an excellent flavor.  
Pkt., 15c; ½ oz., 35c; oz., 65c.

**GREAT LAKES.** 82 days. Bronze Medal, 1944. The finest Iceberg yet! Superb, crisp heads even during the hot, dry weather of midsummer. The crinkled dark green leaves fold inward, blanching the heads to a cool, crisp whiteness.  
Pkt., 15c; ½ oz., 35c.

**SALAD BOWL.** 50 days. Loose leaf type. A good home garden variety.  
Pkt., 15c; ½ oz., 35c; oz., 65c.

**MAY KING.** W.S. 63 days. Cabbage-butter-head; medium small, light green, tinged slightly at edges with brown. It is early and especially good for outdoor culture.  
Pkt., 15c; ½ oz., 30c; oz., 50c.

**PENNLAKE.** A cross between Great Lakes and Imperial No. 847. A very fine uniform head with a dark green color. Quality excellent. 82 days.  
Pkt., 15c; ½ oz., 40c; oz., 75c.

**PROGRESS.** A new crisp heading Lettuce in the Imperial class; developed by the U.S.D.A. in co-operation with the New Jersey station. It is an early, dark green, thick-leaved, heavily savoyed, tip-burn resistant, crisphead Lettuce, of good flavor and high quality. As compared with Imperial 44, Progress is a darker green, thicker leaved, more savoyed; heads are more dense, more resistant to tip-burn, and of superior quality.  
Pkt., 15c; ½ oz., 35c; oz., 65c.

**IMPERIAL No. 847. (Long Standing Iceberg).** This fine Lettuce will do well in spring and fall, and is outstanding as a summer heading variety, even during hot weather most every plant will produce a fine solid head.  
Pkt., 15c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.50.

\***NEW YORK No. 12.** Delightful to the eye—crisp, excellent quality.  
Pkt., 15c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25.

**PRIZE HEAD.** A large, loose-leaved variety, which has been very popular for home use. Leaves very thin, crimped, bright green tinged with brownish red; sweet, tender and of good flavor, but not equal to Crisp as Ice.  
Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.25.

## Romaine or Cos Lettuce

Distinct from the ordinary Lettuce on account of their tender, crisp leaves and delicious flavor.

**PARIS WHITE COS.** One of the finest varieties for summer use.  
Pkt., 15c; oz., 25c; ¼ lb., 65c.



*Paris White Cos*



## WATERMELONS

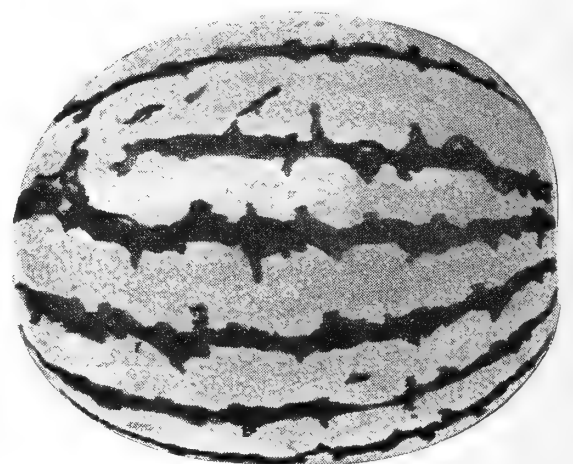
*One ounce will plant about 25 hills;  
4 lbs. to the acre.*

The culture of the Watermelon is mainly the same as recommended for the Muskmelon; hills should, however, be about 10 feet apart.

**N. H. MIDGET.** 65 days. Very sweet and juicy; about the size of a Muskmelon, takes very little room in your refrigerator. Be sure and try this in your garden. Pkt., 15c; oz., 40c; ¼ lb., \$1.00.

**COLE'S EARLY.** Small but very early; of fine quality and sure to mature in any latitude where Melons can be grown.  
Pkt., 15c; oz., 30c; ¼ lb., 75c.

**HARRIS' EARLIEST.** A new extra early variety, large and of exceptionally fine quality. Slightly oval, mottled in stripes of light and dark green. Flesh bright red. One of the most desirable for planting in the North.  
Pkt., 15c; oz., 30c; ¼ lb., 75c.



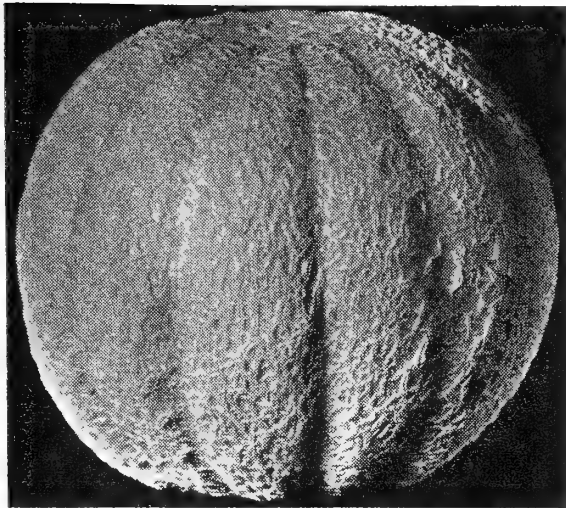
## CITRON

For preserving only.  
Pkt., 15c; oz., 30c; ¼ lb., 75c.

**For Long Distance—AIR EXPRESS  
Three Miles Per Minute**



# MUSKMELONS - Sweet and Juicy



*Bender's Surprise Muskmelon*

**\*BENDERS SURPRISE (The Bender Melon).** A very popular variety in the East, particularly around Albany, N. Y. A selection from Surprise and a close kin to Iron-dequoit, differing from that variety in being more oblong, more full and rounded at the ends, not quite as well netted or as early; skin light greenish yellow when ripe. A very delicious, large salmon-fleshed Melon with superior shipping and keeping qualities.

Pkt., 15c; oz., 45c; ¼ lb., \$1.15.

*An ounce will plant about 50 hills;  
1½ to 2 pounds are required for an acre.*

The Muskmelon succeeds best in warm, rich soil. Plant when all danger of frost is past, in broad hills 4 to 5 feet apart, 10 or more seeds to each hill. Cover with 1 inch of soil and firm well with hoe.

**DELICIOUS.** Best described as an early strain of Bender Melon, a trifle smaller in size. Light green, finely netted, oval fruits. Firm, tender flesh of a beautiful deep orange-yellow color.

Pkt., 15c; oz., 45c; ¼ lb., \$1.15.

**GOLDEN CHAMPLAIN.** 85 days. Considered by Melon growers of long experience to be the most desirable early maturing Muskmelon. A vigorous grower of medium size with salmon flesh of superb quality, well netted.

Pkt., 15c; oz., 45c; ¼ lb., \$1.15.

**HEARTS OF GOLD.** A fine Melon, medium in size, round and well netted; flesh thick, orange-yellow, of excellent flavor.

Pkt., 15c; oz., 45c; ¼ lb., \$1.15.

**HONEY DEW.** The average size of the Melon is 6 inches in diameter and 7 to 8 inches in length. The flesh is an emerald-green, very thick, melting, and fine grained; can be eaten to the extreme rind. The seed cavity is very small, the rind impervious to water. The Melon does not shrink in weight, is not easily bruised, and is a splendid shipper. It is later than Rocky Ford strains and is very prolific.

Pkt., 15c; oz., 45c; ¼ lb., \$1.15.

**ROCKY FORD.** More largely grown than any other of the small or basket Melons. Oval, slightly ribbed, densely covered with fine netting; flesh green, thick and of rich flavor.

Pkt., 15c; oz., 35c; ¼ lb., \$1.00.



*Honey Dew Muskmelon*

## Ross Bros.' Best ONIONS

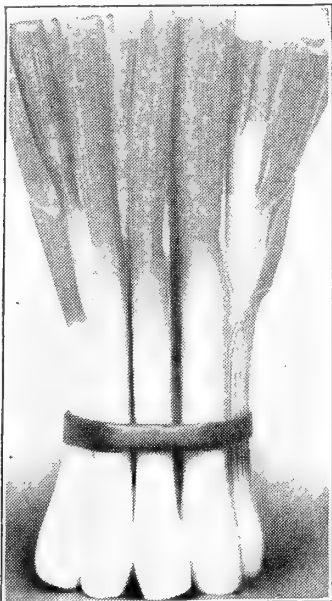
*1 pkt. will sow 50 ft. of drill; 1 oz. about  
200 ft.; 4 to 5 lbs. per acre.*

Onions are very healthful and wholesome, probably used more often in the kitchen than any other vegetable, either in connection with other foods for seasoning or in many of the delicious ways to prepare them for their own tempting goodness. Highly prized for their tonic qualities, and doctors everywhere recommend the use of Onions in the diet because they are wholesome and nutritious.

Onions are not hard to grow. They like a clean, rich soil. Sow as early as possible in drills 1 foot apart.

**AILSA CRAIG.** Of mammoth size, larger than the Prizetaker, oval-shaped, pale straw colored skin; of very mild flavor. Extra large Onions can, however, be obtained by sowing seed early in the spring in the hotbed and transplanting to the open ground.

Pkt., 15c; ½ oz., 35c.



*Hardy White Bunching Onion*

**\*EARLY YELLOW GLOBE.** This is a yellow, globe-shaped Onion with a fine yellow color, a good winter keeper, as its skin is very thick. It will mature three weeks earlier than Danvers and yields very heavily.

Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.50.

**WHITE PORTUGAL or SILVERSKIN.** An early white, flat variety, of medium size and mild flavor.

Pkt., 15c; ½ oz., 25c; oz., 45c.

**LARGE RED WETHERSFIELD.** The standard red variety. Bulb large, flattened but thick; skin deep purplish red. The best of all for light soils.

Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.35.

**PRIZETAKER.** Grows to an immense size and for fall marketing is unexcelled. Although of such great size, it is very hardy and a fair winter keeper, as it ripens up hard and firm. Very fine grained and of mild, delicate flavor. The outside skin is rich yellow while the flesh is white.

Pkt., 15c; ½ oz., 30c.

**SWEET SPANISH.** 110 days. Mild flavored, globe-shaped, light yellow Onion of Spanish origin that grows to large size.

Pkt., 15c; ½ oz., 35c; oz., 60c.

**YELLOW GLOBE DANVERS.** A favorite variety for winter use. The bulbs are nearly globe-shaped, but slightly flattened. Skin is light yellow. Splendid keeper.

Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.50.

**HARDY WHITE BUNCHING.** 120 days. Used exclusively for green bunching, as it forms no bulbs. A hardy perennial that produces for many years. Seeds sown in the spring or summer will produce late in the fall or, if wintered over, very early the following spring. Thin to 8 to 12 inches after the first year. Tender and of mild flavor.

Pkt., 15c; oz., 75c.

### ONION SETS

*1 lb. will plant 100 feet of row;  
250 to 335 lbs. per acre.*

**We do not deliver Onion Sets free, purchaser pays transportation. Onion Sets weigh 1 pound per quart. For parcel post zone rates see back of order blank.**

These sets will provide small green Onions in 2 to 3 weeks after planting seeds, and are an important crop to precede the seed-sown varieties. They mature large Onions much earlier than can be grown from seed. May be planted in early spring as soon as danger of freezing is past.

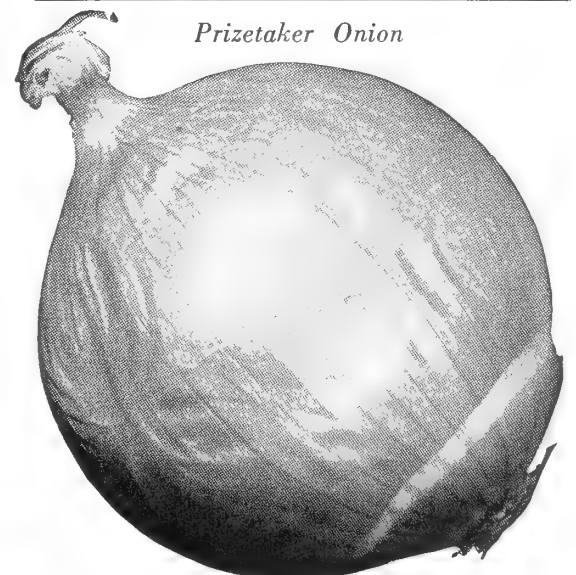
**WHITE.**

Lb., 45c; 5 lbs., \$2.15; 10 lbs., \$4.00.

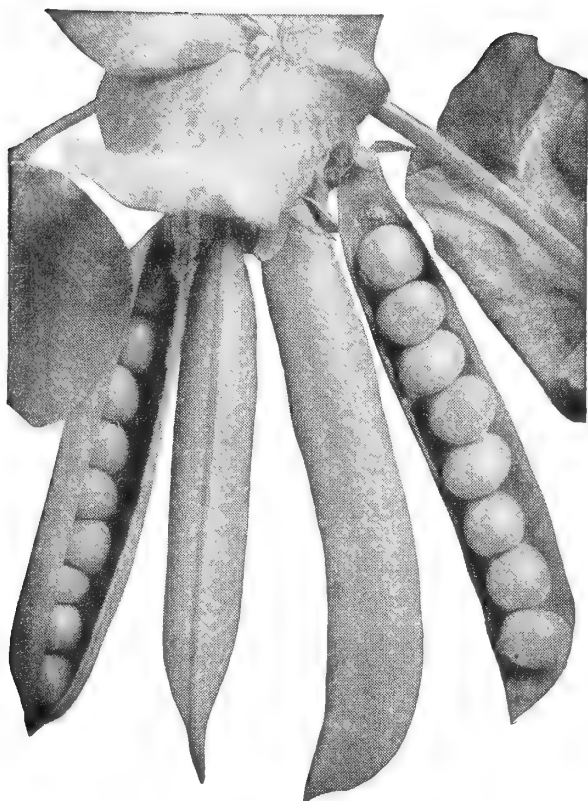
**YELLOW.**

Lb., 45c; 5 lbs., \$2.15; 10 lbs., \$4.00.

**Special Prices on Bushel Lots.**



*Prizetaker Onion*



# GARDEN PEAS

*Plant Them Generously But Plant Them Early*

*One pound will plant about 100 feet; 70 to 85 lbs. an acre.*

Peas of the extra early, smooth class are first to be planted in the spring. The wrinkled sorts follow later, as they are not quite so hardy. The tall, late varieties need brush, wire or some other support. Though light, warm soil is desirable for the extra early varieties, Peas generally produce a much larger crop on soil which is moderately heavy.

Plant the early and dwarf varieties in drills 2½ feet apart and 3 or 4 inches deep, cover with only 1 inch of soil and fill the trench gradually as plants grow. Plant the taller and later varieties in rows 3 or 4 feet apart and 5 to 6 inches deep, covering as already suggested. The tall, late varieties, plant in double rows.

## Extra Early Dwarf Varieties

**DWARF TELEPHONE or DAISY.** Pods large; Peas wrinkled, sweet and tender, a heavy bearer. Height 18 inches. Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**\*BLUE BANTAM. An Extra Early Dwarf Producer.** The best early dwarf wrinkled Pea. It is unequaled for combination of extreme earliness, superb quality and unusual productiveness. Vigorous vines average 15 inches in height and carry extra heavy crops of long, deep bluish green pods. Pods measure 4 to 4½ inches long, tightly packed with 8 to 10 large, deep bluish green Peas. A Ross recommendation tested and proved for its fine quality.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**\*LAXTONIAN. A Grand Early Marrow Dwarf Pea. Vigorous and Dependable Grower.** The pods are not only large, but are always well filled with Peas of great size and remarkably good quality. The crop is ready for use about a week later than the earlier sort. The vines grow 18 inches high and each pod contains 8 to 9 Peas. Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**LITTLE MARVEL.** A prolific early dwarf garden Pea. Recommended to the home gardener. Pods average 3 to 4 inches long.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**NOTT'S EXCELSIOR.** Extra early dwarf growth. Excellent for home garden; hardy and vigorous, and will mature in 60 days. The pods are filled with 7 to 9 large Peas, superior in sweetness and quality. Large and vigorous vines bearing an enormous yield.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**SUTTON'S EXCELSIOR.** The vine is of more vigorous growth than the Nott's Excelsior, a little taller, fully as productive and matures its crop nearly as early, while both pods and Peas are decidedly larger.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**LAXTON'S PROGRESS. A Dwarf Variety, 18 inches tall.** Ready a few days earlier than Laxtonian. Pods 4 inches long, with 8 to 10 large, sweet Peas. Vines average 18 inches in height, bearing heavy crops in 53 days.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**ALASKA.** Very early, smooth, blue Pea for a first early sort. Height 2½ feet. Foliage and pods light green; pods 2½ inches long, round, straight and square ended, containing 6 light green Peas. Very uniform in maturity.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**FREEZONIAN.** An excellent Pea for freezing. A very heavy bearer and fine quality, pods 3½ to 4 inches long. Vines about 30 inches high, ripen in 63 days. This variety is ideal for all growers of fine Peas.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**GRADUS.** A remarkable variety, combining earliness and Peas of largest size and best quality. Matures soon after Nott's Excelsior. Vine resembles the Telephone but is only 3 to 3½ feet high on rich land; productive. Pods 4 inches long, straight, slightly curved at ends, light green, well filled.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**THOMAS LAXTON.** Vine of about the same height as the Gradus, of similar habits but much darker, hardier and more productive. More attractive and better filled with Peas as large and equal in quality.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**WORLD'S RECORD.** A large, early wrinkled Pea with pods 3½ to 4 inches long. The pods are well filled with Peas of excellent quality. The vines are vigorous, growing about 36 to 40 inches high. Peas are ready to pick 4 to 5 days before Gradus. A variety which should be in every garden.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**When cooking Peas don't add sugar to sweeten. It's much tastier to cook Peas with a few empty green pods.**

## Extra Early Varieties - Taller Growth

## Second Early, Medium and Late Varieties

**ALDERMAN.** This midseason Pea, tall growing, is of English origin, and a few days later than the "Improved Telephone."

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**\*IMPROVED TELEPHONE.** Extensively grown. Vine 3¼ to 4 feet. Productive on good soil. Pods large. Peas above medium size, of best quality.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**Inoculate This Seed With NOD-O-GEN**

# TASTY PARSNIPS -

*Dig Them Out of the Snow*

*One ounce will sow 200 feet of drill; 6 lbs. are required for an acre.*

A vegetable for all winter use, with a rich, sweet flavor that most people like. Easily and cheaply grown.

**Culture:** Sow early in the spring, seed is slow to germinate. Sow one-half inch deep in rows 2 feet apart. Thin to 5 inches in rows. Frost sweetens them; can be left in the ground all winter.

**ARLINGTON LONG SMOOTH.** Roots very long and smooth, with full crown, desirable for deep soil and, owing to the full crown, is less liable to rot if left in the ground through the winter than the Hollow Crown.

**\*HOLLOW CROWN.** (110 days.) A good cropper, roots 15 inches long, 3 inches in diameter at the top. Flesh is fine grained, white and of superior quality.

### PRICES:

Of each variety we offer a choice selected strain. Each, pkt., 15c; oz., 25c; ¼ lb., 70c.

## HEAVY BEARING PEANUTS

**SPANISH.** The best variety. An early, heavy bearer; bushes growing close, so very easily cultivated. Best re-cleaned seed stock.

Pkt., 25c; lb., 70c, postpaid. By express, 10 lbs. or more, 60c per lb.



Parsnips



# PEPPERS — Sweet and Hot

*1 oz. will produce from 1500 to 2000 plants.*

Sow in hotbed in March or April; transplant in open ground when all danger of frost is over, in rows 3 feet apart and 2 feet apart in the row. Seed can be sown outside late in May. Cover seed one-half inch and thin as above.

**BELL or BULL NOSE.** Large, bell-shaped, thick-fleshed and less pungent than some other sorts. Good for filling.

Pkt., 15c; ½ oz., 40c; oz., 75c.

**EARLY CALWONDER.** An early strain of California Wonder maturing a week to ten days earlier than others. Plant stocky and sturdy, vigorous, prolific. Fruits 3- and 4-lobed, upright, very attractive.

Pkt., 15c; ½ oz., 40c; oz., 75c.

**HARRIS EARLY GIANT.** The earliest known Pepper and for the far North the most desirable. Plant very dwarf and compact in growth and extremely productive. Fruit 3-lobed, 3½ inches in length by 2½ inches in diameter, very mild and sweet.

Pkt., 15c; ½ oz., 60c; oz., \$1.00.

**HUNGARIAN YELLOW WAX.** (Hot.) (60 days.) An early variety with thick walls. The fruits are 5½ to 6½ inches long and about 1½ inches in diameter. The color is waxy yellow when young changing to orange and then to bright red.

Pkt., 15c; ½ oz., 40c; oz., 75c.

**CALIFORNIA WONDER.** A midseason variety, mild and sweet, about 4½ inches long by 4 inches in diameter. Heavy walls, bright green changing to brilliant crimson.

Pkt., 15c; ½ oz., 40c; oz., 75c.

**RED CHERRY.** Large. Hot.

Pkt., 15c; ½ oz., 40c; oz., 75c.

**LONG RED CAYENNE.** Fruit very slim, pointed, about 4 inches long, and when ripe, bright red. Extremely pungent.

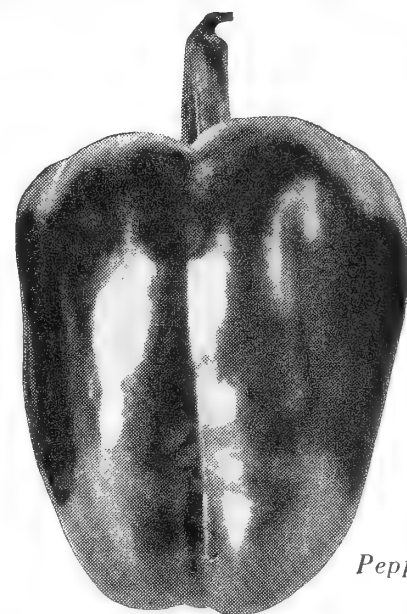
Pkt., 15c; ½ oz., 40c; oz., 75c.

**SQUASH or TOMATO SHAPED.** Fruit flat or Tomato-shaped and somewhat ribbed; flesh thick and slightly more pungent than other large sorts, early and sure to mature.

Pkt., 15c; ½ oz., 40c; oz., 75c.

**WORLD BEATER.** Large, smooth, beautiful Peppers. Mild flavor, very early to ripen. Very prolific.

Pkt., 15c; ½ oz., 40c; oz., 75c.



Pepper

**WALTHAM BEAUTY.** An early prolific, thick-fleshed Pepper. The fruits are similar to California Wonder but a little smaller.

Pkt., 15c; ½ oz., 40c; oz., 75c.

## Maine Certified Seed Potatoes

For Better Potato Yields Plant Maine Grown Seed

### Kennebec

A Valuable New Variety

The discovery of Kennebec marked the climax in a Potato hunt that has taken years and years. Like anything else, an absolutely perfect Potato may never be created and different regions are sure to have local favorites. But a survival of the fittest race is going on among the Potatoes and just now the Kennebec looks like a winner. The introduction of this variety brings us a Potato that will resist late blight and scientists have added so many other good features that the Kennebec, judged by tests, is the nearest yet to a super spud. It is a late Potato in its native state and is best described as a vigorous, fast growing, high yielding, late maturing variety of high quality and is notably resistant to late blight as well as other troublesome diseases. The Kennebec is a very recent introduction but it is already crowding some of the so-called leading varieties.

Potato yields in Maine are watched closely and each season seems to bring a new record. None have surpassed the Kennebec; it has produced yields of 900 bushels per acre.

Many plantings of this variety have been made in Southern New England and it seems that this new Potato is well adapted to many types of soil as heavy yields have been reported in each case. The quality is excellent; it is a white variety and compares very favorably with the Green Mountain which has been a leading variety for many years. The tubers have shallow eyes and a white skin. The shape, slightly oblong, is a little shorter than the Green Mountain.

**AROOSTOOK COUNTY, MAINE POTATOES.** We have offered for years only certified stock from Aroostook County, Maine, as we believe that this stock, certified by Maine authorities, is best adapted to our New England conditions and soil. We recommend that new seed be used each year and that only certified seed be planted.

Shipment from April 1st to June 1st.  
Write for prices of Potatoes.

### Green Mountain

This is one of the old standard varieties and because of quality and yield it has been the main crop variety in Aroostook County, Maine, where most of our New England certified seed is produced.

The Green Mountain has so many good qualities that for the past several years it has seemed impossible to produce a variety to succeed it. It is a late crop winter Potato and an excellent Potato for baking and a very dependable keeper. It seems to thrive on all types of soil and produces a heavy crop. The skin is white and the Potatoes cook white and mealy. Most crops produce Potatoes of a very satisfactory size for home use or for the market.

### Irish Cobbler

An early, white-skinned variety; very short, thick, inclining to round. This Potato has continued to gain in popularity as the variety for the early market. It is still the best early Potato both in quality and yield. Very few others even equal and none surpass the Cobbler in yield unless it is some of the main later varieties. For home garden planting it is a wonderful sort, giving the gardener a good crop of early Potatoes of unsurpassed quality. It does have a deeper eye than most varieties and some object to this, but this defect is made up by earliness and quality. The vine is very strong and vigorous and is quite resistant to blight and other Potato plant diseases. A very fine old variety.

### Katahdin

Originated by the U. S. Department of Agriculture, the Katahdin has become the outstanding late Potato for storage and market. It was originated in Maine and has been bred for disease resistance, quality and yield. During the years it was under observation it was entirely free from mild mosaic. It has increased in yield until it has surpassed about all of the late producing varieties. The tubers are smooth, short, elliptical to roundish, and have few very small, shallow eyes. The crisp white flesh has a distinct cooking quality which appeals to the housewife.

### Potato Culture

The Potatoes should be cut into pieces having 2 or 3 eyes. Plant in furrows 3 feet apart and from 8 to 12 inches apart in the furrows. One peck (15 lbs.) should be sufficient to plant 75 to 100 pieces. It should take about 14 bushels to plant one acre. Potatoes do best on new soil but may be grown on good garden soil and will respond generously to a liberal application of fertilizer. Cultivate by bringing the soil well up around the plant. Spray or dust the plants for insects and blight.

### For the Large Grower for Dusting

We suggest the use of COCS Niatox 5 Dust. Contains 5% DDT Code 824. See page 48.  
50-lb. bag ONLY.

### For the House Garden

We recommend Potato and Tomato Dust or spray, Code 1110, containing DDT and Neutral Copper. Controls bugs and blight on Potatoes and other vegetables. See also page 47.



White Icicle Radish

# ROSS' RADISHES

You'll Want Them All Summer - -  
Plant Every Two Weeks

*An ounce will sow 100 feet of drill.*

The secret in growing good Radishes consists chiefly in the observance on the part of the grower of three points. First, they should be grown on light, quick soil. Second, they should be given plenty of water, and last, but by no means least, the right kind of seed should be sown. For the first crop sow as early in spring as ground can be worked, and every two weeks through the season. A warm, sandy loam, made rich and light by strong manure, is best. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August. One ounce will sow 100 feet of drill, 8 to 10 pounds per acre.

**\*EARLY SCARLET GLOBE.** A very early globe-shaped Radish suitable for open ground. The Radishes are of handsome shape, attractive bright red, and are crisp, solid and of the finest quality. They grow so rapidly that under favorable circumstances they may be pulled 20 days from sowing the seed. This is the most popular variety for forcing. Our seed is of the very finest strain grown from transplanted roots and will be found unsurpassed. Pkt., 15c; oz., 25c; 1/4 lb., 65c.

**EARLY SCARLET TURNIP.** A small, round variety, with small tops; quick grower. Popular for forcing and outdoors. Deep scarlet. Pkt., 15c; oz., 25c; 1/4 lb., 65c.

**EARLY SCARLET TURNIP. White Tipped.** Root nearly round, slightly flattened at bottom, bright scarlet with tip of clear white, early and attractive; suitable for forcing and outside planting. Pkt., 15c; oz., 25c; 1/4 lb., 65c.

**EARLY LONG SCARLET. Short-Top.** Once the most popular Radish but has been largely displaced by the round varieties; 6 to 8 inches long, matures in 25 to 30 days. Pkt., 15c; oz., 25c.

**For Good Crops It Is  
Important To Plant  
Ross' Selected Seeds**

## PUMPKIN

*An ounce will plant 25 hills.*

**SMALL SUGAR.** The popular variety in New England for pies; fine grained and sweet. Pkt., 15c; oz., 25c; 1/4 lb., 65c.

**JACK O'LANTERN.** A new pumpkin bred for the Hallowe'en trade. It is the right size and the right shape. It retains the fine eating qualities of the Small Sugar. The size is about midway between Small Sugar and Connecticut Field. Pkt., 15c; oz., 30c; 1/4 lb., 80c.

**CONNECTICUT FIELD.** The standard variety for feeding stock. Pkt., 15c; oz., 25c; 1/4 lb., 65c.



Pumpkin

**CRIMSON GIANT.** An early but large, round or slightly globular Radish adapted for either forcing or outdoor cultivation. While it grows much larger than other forcing varieties, it does not become pithy under glass, nor outdoors. Pkt., 15c; oz., 25c; 1/4 lb., 65c.

**CHERRY BELLE.** A popular short-topped Scarlet Globe type Radish, both for forcing and outdoor use. The root is globe-shaped, bright scarlet color, with a crisp flesh, holding from pithiness. Owing to its earliness and short top, this new variety has rapidly gained favor. Pkt., 15c; oz., 25c; 1/4 lb., 65c.

*An ounce will sow 100 feet of drill;  
14 to 16 pounds to the acre.*

**Culture:** For spring and summer use, sow in drills one foot apart and one inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich.

**AMERICA.** About 50 days. Stands hot or cold weather, has dark crumpled leaves and fine flavor. Pkt., 15c; oz., 25c; 1/4 lb., 70c.

**\*SUMMER SAVOY.** This strain of Long Standing Bloomsdale is fine for a summer crop as it will stand hot weather well. It is a little darker than Bloomsdale Long Standing. Pkt., 15c; oz., 25c; 1/4 lb., 70c.

**SAVOY-LEAVED or BLOOMSDALE.** The earliest variety and used almost entirely for fall sowing, as it runs quickly to seed in warm weather. Leaves of medium size, dark green, pointed and crimped. Pkt., 15c; oz., 25c; 1/4 lb., 70c.

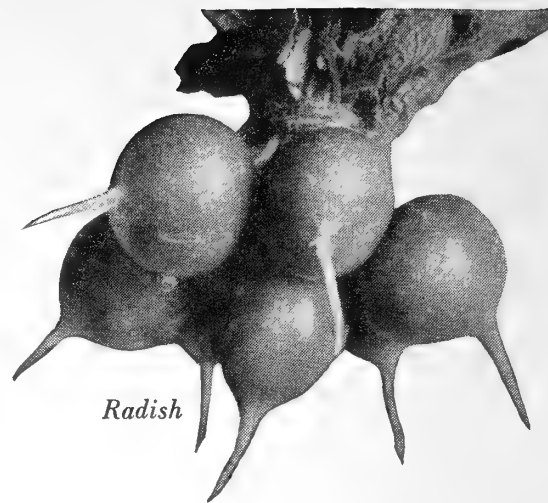
## Small Summer Garden Collection

Sent postpaid in the United States for \$1.25.  
(Catalog total price, \$1.65.)

One packet of seed of each of these 9 varieties:

Black Wax Beans  
World Record Peas  
Golden Cross  
Bantam Sweet  
Corn  
Early Wonder Beet  
Danvers Carrot

Colorado Cucumber  
Iceberg Lettuce  
Scarlet Globe  
Radish  
Summer Crook-  
neck Squash



Radish

**EARLY WHITE GIANT STUTTGART.** Root large, clear white, often 4 inches in diameter. Can be stored for winter use. Pkt., 15c; oz., 25c.

**FRENCH BREAKFAST.** Stump-rooted; about 3 inches long. Bright scarlet, tipped white. Pkt., 15c; oz., 25c; 1/4 lb., 65c.

**LONG BLACK SPANISH WINTER.** One of the hardiest and best for winter use. Pkt., 15c; oz., 25c.

**ROUND BLACK SPANISH.** White flesh with black skin. Pkt., 15c; oz., 25c.

**\*WHITE ICICLE.** The earliest pure white, long, summer Radish. Roots when matured are 5 to 6 inches long by about one-half inch in diameter. One of the best outdoor summer Radishes. Pkt., 15c; oz., 25c; 1/4 lb., 65c.

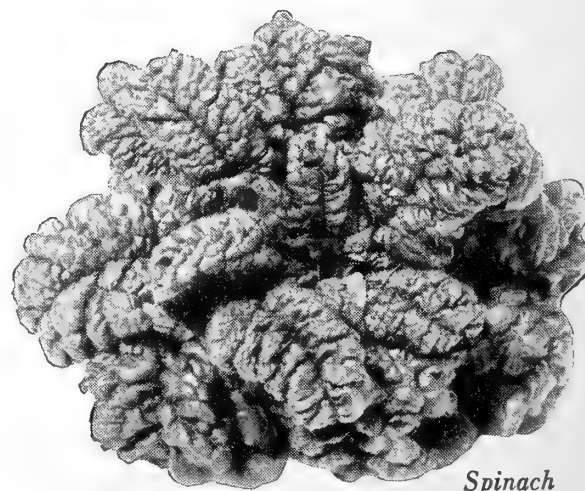
## SPINACH

**SAVOY, VIRGINIA YELLOWS-RESISTANT.** It will grow on disease-infested soil and produce a crop where others fail. Pkt., 15c; oz., 25c; 1/4 lb., 70c.

**NEW ZEALAND.** The hot weather Spinach. Leaves and stems are succulent and tender. May be picked frequently during the summer. Pkt., 15c; oz., 25c; 1/4 lb., 70c.

**BLOOMSDALE LONG STANDING.** In appearance quite similar to the Bloomsdale strain, the leaves being more intensely green. On account of the low per cent of male plants it stands remarkably well. After other kinds have gone to seed this will stand for a long time. Pkt., 15c; oz., 25c; 1/4 lb., 70c.

**\*EARLY GIANT THICK-LEAVED.** Leaves very large and thick, deep green, attaining a size suitable for use early, and plant grows to a large size before running to seed. Pkt., 15c; oz., 25c; 1/4 lb., 70c.



Spinach





Rhubarb

## RHUBARB

### Fresh and Delicious

The roots can be raised from seed sown in spring, and are ready to transplant to the permanent bed the next spring. The seed must be sown in fine, rich soil, and the seedlings must have good care.

**VICTORIA.** The most popular variety, fine for family use and market. Comes quite true from seed. Pkt., 15c; oz., 35c; ¼ lb., \$1.15.

**RHUBARB ROOTS.** Sent by express or parcel post at buyer's expense. Each, 30c.

## SALSIFY

*An ounce will sow 50 feet of drill.*

Sow early and deeper than Parsnip, otherwise culture is the same and, like Parsnips, roots, if desired, may be left in the ground through the winter, but should be dug very early in the spring, as they deteriorate after growth commences.

**MAMMOTH SANDWICH ISLAND.** Larger, of strong growth, and less liable to grow spongy than the old Long White. Pkt., 15c; oz., 50c; ¼ lb., \$1.50.

## SORREL

**NARROW LEAVED.** Long, slender leaves, rather upright in growth; the strain preferred for market. Pkt., 15c; oz., 90c; ¼ lb., \$2.45.

## Bird Seeds

### Best Recleaned for Feeding Only

	Lb.	100 lbs.
Canary .....	\$0.28	\$25.00
Hemp .....	.30	24.00
Lettuce .....	.30	24.00
Rape .....	.25	19.00
Sunflower, Striped .....	.30	25.00
Flax .....	.30	19.00

## Wild Bird Seed

A mixture of Sunflower, Millet, Peanut hearts, small grains, etc. Lb., 18c; 5 lbs., 65c; 10 lbs., \$1.25; 25 lbs., \$2.75.



Hubbard Squash

# SQUASH • In All Shapes and Sizes

## For Summer and Winter Use

Squash seed should be planted at about the same time and in the same manner as Cucumbers and Melons. The hills should be 9 feet apart each way, slightly elevated and highly manured. Bush varieties may be planted closer together. Use plenty of seed, as the bugs will destroy some plants.

## WINTER SQUASH

\***BLUE HUBBARD.** Special Market Gardeners strain. The Symmes Blue Hubbard is an entirely distinct variety resembling the Warted Hubbard in shape. It is a pale light blue color, very thick meated, dry and very sweet; its eating qualities cannot be surpassed. Pkt., 15c; oz., 45c; ¼ lb., \$1.20.

**BUTTERCUP.** Has excellent quality and fine thick, sweet flesh. Very popular for local markets and roadside stands. Shape is flat with distinctive button. Pkt., 15c; oz., 50c.

**BUTTERNUT.** The fruits are of a yellowish brown color and bottle-shaped. Flesh is yellow, dry, sweet and excellent flavor. Small seed cavity. Keeps well into the winter months. Pkt., 15c; oz., 50c.

**GOLDEN HUBBARD.** A rich orange-red instead of the dark olive-green of the old Hubbard, the flesh is thick and a little deeper colored. Good quality, fine grained and dry. Pkt., 15c; oz., 35c; ¼ lb., 95c.

\***GREEN HUBBARD.** W. A well known and favorite winter variety, more largely grown than any other. We offer a choice strain, considered by some of our customers to be superior to the popular Chicago Hubbard. Pkt., 15c; oz., 35c; ¼ lb., 95c.

\***GOLDEN DELICIOUS.** A fine home garden variety. Medium size, with deep orange shell and thick orange flesh. A good keeper. Pkt., 15c; oz., 35c; ¼ lb., 95c.

**DELICIOUS.** A fall and winter variety. Color usually dark green. Shell moderately hard but very thin; flesh thick, very fine grained, sweet and of finest flavor. Pkt., 15c; oz., 35c; ¼ lb., 95c.

**WARREN TURBAN.** Has a shell generally harder and thicker than the Essex Hybrid. The color is a deeper and richer orange, while the quality is decidedly better. Grown very extensively by market gardeners. Pkt., 15c; oz., 35c; ¼ lb., 95c.

**TABLE QUEEN or DES MOINES.** Desirable for home and market garden use. Acorn-shaped fruit, ribbed, smooth, thin-shelled, dark green, flesh light yellow; bakes well, with sweet, inviting flavor. Pkt., 15c; oz., 35c; ¼ lb., 95c.

**UCONN.** It is a bush Acorn or Table Queen type especially valuable because its non-vining habit allows greater yield in limited space. This bushy habit combined with heavy yield make it attractive to the home gardener looking for a family supply from a few hills. Pkt., 15c; oz., 35c.

## SUMMER SQUASH

**EARLY PROLIFIC STRAIGHTNECK.** It is 10 days earlier than other summer Squashes. The Squash is smaller than the old Straightneck, smooth and has a clear yellow color. The vine is dwarf and very prolific. Pkt., 15c; oz., 30c; ¼ lb., 85c.

**YANKEE HYBRID.** The Squash are of the finest type and very uniform. The skin has a waxy yellow color, very attractive. Early and prolific. Pkt., 15c; oz., 70c.

**EARLY WHITE BUSH SCALLOP.** 54 days. A patty-pan scalloped edged variety, with creamy white skin and flesh, of fine quality. Pkt., 15c; oz., 30c.

**ZUCCHINI.** (Black.) 65 days. Long, cylindrical fruits weighing 5 to 6 pounds. Use when young, cook like Eggplant. Pkt., 15c; oz., 35c.

**ITALIAN VEGETABLE MARROW.** Dark green at first, becoming marbled with yellow as they mature. The young fruits when fried in oil, constitute a vegetable delicacy very popular. Pkt., 15c; oz., 30c; ¼ lb., 85c.

**EARLY SUMMER CROOKNECK.** For early planting the Crookneck type is used in New England to almost the exclusion of any other. This, while much smaller than the Mammoth Crookneck, is yet largely grown, many considering it of better flavor. Pkt., 15c; oz., 30c; ¼ lb., 85c.

\***EARLY GIANT SUMMER.** Early, mostly straight-necked and much larger than the Summer Crookneck. A fine quality, growing from 14 to 16 inches long. Extensively used by market gardeners and exceptionally good for home gardeners. Pkt., 15c; oz., 30c; ¼ lb., 85c.



Butternut Squash

# Tomatoes

## Are the Backbone of Every Successful Vegetable Garden

### CULTURAL DIRECTIONS

*An ounce will produce about 2000 plants.*

Tomatoes do best on light, warm, not over-rich soil. Sow in hotbed or window box (where 60 degree Fahrenheit is the minimum night temperature) in March, in rows 3 inches apart and one-half inch deep. Cover firmly. Later sowings may be made to the end of April. When seedlings are 3 inches high, transplant 4 inches apart each way in hotbeds, cold frames, or singly in 3-inch pots. Harden plants by exposing to the air occasionally. After warm weather is settled, set out plants 3 to 4 feet apart each way in hills, into each of which fertilizer has been previously mixed. Water freely at time of transplanting and shelter from sun until plants are well established.

**STOKESCROSS No. 4 F<sub>2</sub> of a Hybrid.** This brilliant Tomato is looked upon as a variety of enormous importance by the grower and shipper group. Produces large, solid, highly flavored fruit in large quantities. 75 days from transplanting. Pkt., 25c; oz., \$5.00.

**STOKESCROSS No. 5 F<sub>2</sub> of a Hybrid.** It has a long harvest season. Its hybrid vigor stands out in its heavy production of highly flavored and highly colored fruit. It is nearly crack-proof. 6-ounce fruit ripens in about 80 days. Pkt., 25c; oz., \$5.00.

**BEAUTY.** Fruit large, very smooth, excellent flavor, color purplish pink. Pkt., 15c; ½ oz., 30c; oz., 55c.

**\*BONNY BEST.** Large size Tomatoes, bright scarlet in color. Excellent variety for the canner as it yields from 12 to 15 tons to the acre. Pkt., 15c; ½ oz., 35c; oz., 60c.

**COMET.** An excellent greenhouse sort, heavy yielder. Pkt., 15c; ½ oz., 40c; oz., 70c.

**DWARF CHAMPION.** Dwarf, compact, upright growth. Fruit smooth and solid. Pkt., 15c; ½ oz., 45c; oz., 80c.

**GOLDEN JUBILEE.** The best yellow-orange variety, fruit smooth and globe-shaped with excellent flavor. Pkt., 15c.

**\*JOHN BAER.** The rich, scarlet-red fruits are thick and slightly flattened at the top; smooth, firm and of medium large size. Pkt., 15c; ½ oz., 30c; oz., 55c.

**\*MARGLOBE.** Certified. Resists rust and wilt. Almost round; of large size and bright red color. It is one of the most productive Tomatoes in cultivation. Pkt., 15c; ½ oz., 30c; oz., 55c.

**\*PRITCHARD.** A great advance in the early class. Ripens with Earliana and ahead of Bonny Best. Pkt., 15c; ½ oz., 30c; oz., 55c.

**QUEENS.** Certified. 70 days. A large early market Tomato introduced by Professor Lyman G. Schermerhorn of Rutgers University. Queens produces large clusters of 6-ounce fruit. Foliage is light, blossoms set profusely and size is maintained well into the season. Before its introduction Queen was subjected to 10 years testing and widespread trials. Our seed is produced from stock supplied by Prof. Schermerhorn. Pkt., 15c; ½ oz., 55c; oz., \$1.00.

**RUTGERS.** Wilt-resistant. Has thick outer and inner walls of solid meat. It is globe-shaped, scarlet-red in color, resembling Marglobe. Ripens first in the center of the fruit so that when red on the outside, the Tomatoes are ripe all through. Rutgers is in great demand for all purposes. Pkt., 15c; ½ oz., 30c; oz., 55c.

**STOKESDALE.** Fine for market and canning; medium size fruit, globe-shaped and bright scarlet color. The fruit ripens evenly and is very free of cracks and blemishes. Pkt., 15c; ½ oz., 30c; oz., 55c.

**STONE.** Vines vigorous and productive; fruit large, smooth, deep red in color, and heavy. The best all around variety where earliness is not important. Pkt., 15c; ½ oz., 30c; oz., 55c.

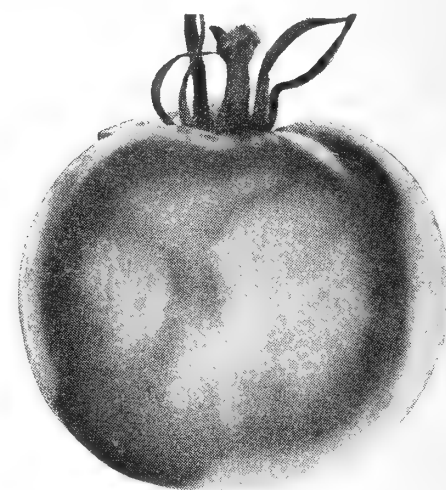
**VALIANT.** Certified. New extra early with large, deep, nearly round fruits which ripen to rich red color without green spots. Nearly as early as Earliana, but larger and finer fruited. The vines are vigorous and bear a heavy crop on well-fertilized, moderately heavy soil. Pkt., 15c; ½ oz., 45c; oz., 80c.

**WALTHAM SCARLET.** Medium sized early selection from the Waltham Experiment Station for garden planting. A fine general purpose variety. Pkt., 15c; ½ oz., 50c; oz., 85c.

**RED PLUM.** (Italian.) Pkt., 15c.

**YELLOW PLUM.** Pkt., 15c.

**YELLOW HUSK or STRAWBERRY.** Pkt., 15c.



Tomato

## Dependable Table TURNIPS

*An ounce will sow 200 feet of drill. If sown in drills, one pound is required for an acre; if sown broadcast, less seed is sufficient if sown evenly.*

**Culture:** For early, sow seed of flat varieties in open ground in spring in drills 1 foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession, sow every two weeks until June. For fall and winter, sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For Rutabagas, sow seed in seed-bed in spring and transplant to good warm soil in rows at least 2 feet apart and 8 to 10 inches apart in the rows, or sow in open ground during June and early July. Take up roots just before winter, top and store in cool cellar, or pit outdoors.

**EARLY WHITE MILAN.** Roots flat, smooth and symmetrical, pure white. Top very small, upright, and compact, permitting close planting. The earliest and much the best of any extra early white variety. Pkt., 15c; oz., 25c.

**EARLY PURPLE MILAN.** Differs from the preceding in that the roots are not quite so thick and are purple on top. Pkt., 15c; oz., 25c.

**EARLY PURPLE-TOP FLAT.** A well known variety and very extensively grown. Roots smooth, white, with the upper portion purplish red. Pkt., 15c; oz., 25c; ¼ lb., 70c.

**\*WHITE EGG.** More extensively grown than any other variety. White, egg-shaped, smooth and symmetrical, of medium size; flesh firm, sweet and mild. Pkt., 15c; oz., 25c; ¼ lb., 70c.

### A Great Favorite Early Purple Top White Globe

One of the handsomest varieties, the upper portion of the root being a purplish red, the lower pure white. A rapid grower, attaining a marketable size sooner than other large, globular varieties. Of the best quality and an excellent keeper.

Pkt., 15c; oz., 25c; ¼ lb., 70c.

**GOLDEN BALL or ORANGE JELLY.** Of globular form, medium size, skin rich orange; flesh pale amber, very fine grained, mild and sweet. One of the most attractive, of the best quality and keeps well.

Pkt., 15c; oz., 25c; ¼ lb., 70c.

**YELLOW GLOBE.** The standard yellow variety. The form is round, slightly flattened. Largely grown for stock, and to some extent for market. An excellent keeper.

Pkt., 15c; oz., 25c; ¼ lb., 70c.

**COW HORN or LONG WHITE.** Root long, slightly crooked and grows nearly half above ground. Clear white, except a little green at top. Though more largely used for feeding stock, it is a fine table variety, being tender and of mild flavor. Of very rapid growth.

Pkt., 15c; oz., 25c; ¼ lb., 70c.

## Rutabaga

### or Swede Turnip

**WHITE FRENCH or ROCK.** Also an old and popular sort. Roots a little longer than Sweet Russian, but does not otherwise differ. Valuable for table or feeding.

Pkt., 15c; oz., 25c; ¼ lb., 70c.

**GOLDEN PURPLE TOP.** The finest Purple Top. A beautifully shaped Turnip, very hardy, having excellent eating qualities.

Pkt., 15c; oz., 25c; ¼ lb., 70c.

**LONG ISLAND IMPROVED.** Grows much larger than other American varieties, is, therefore, desirable for stock, but equally desirable for the table and market, as it is tender and sweet and of very attractive appearance.

Pkt., 15c; oz., 25c; ¼ lb., 70c.

### Successful Tobacco Seed

**CONNECTICUT SEED LEAF.** A hardy cigar variety, well adapted to growing in the middle and northern states.

Pkt., 15c; oz., \$1.00.

**HAVANA.** Leaf very thin, fine texture. Much used for cigar wrappers.

Pkt., 15c; oz., \$1.00.



# Reference Table

## GARDEN SEEDS

	Per Acre		Per Acre
Artichoke, 1 oz. to 500 plants .....	½ pound	Leek, 1 oz. to 200 feet of drill .....	4 pounds
Asparagus Seed, 1 oz. to 800 plants .....	4 pounds	Lettuce, 1 oz. to 200 feet of drill .....	3 "
Asparagus Roots .....	2500 to 7000	Melon, Musk, 1 oz. to 100 hills .....	2½ "
Beans, Dwarf, 1 pound to 100 ft. of drill .....	60 pounds	Melon, Water, 1 oz. to 25 hills .....	4 "
Beans, Pole, 1 pound to 100 hills .....	30 "	Mustard, 1 oz. to 50 feet of drill .....	
Beet, Garden, 1 oz. to 100 ft. of drill .....	6 to 8 "	Okra, 1 oz. to 50 feet of drill .....	8 "
Beet, Sugar and Mangel, 1 oz. to 100 ft. of drill .....	5 "	Onion Seed, 1 oz. to 200 feet of drill .....	4 to 5 "
Broccoli, 1 oz. to 3000 plants .....	4 ounces	Onion Seed for sets .....	30 to 50 "
Brussels Sprouts, 1 oz. to 3000 plants .....	4 "	Onion Sets, 2 pounds to 50 feet of drill .....	250 "
Cabbage, 1 oz. to 3000 plants .....	4 "	Parsnips, 1 oz. to 200 feet of drill .....	4 "
Carrot, 1 oz. to 150 feet of drill .....	2½ pounds	Parsley, 1 oz., to 200 feet of drill .....	4 "
Cauliflower, 1 oz. to 3000 plants .....	5 ounces	Peas, Garden, 1 pound to 100 feet of drill .....	100 "
Celery, 1 oz. to 10,000 plants .....	4 "	Pepper, 1 oz. to 1500 plants .....	4 ounces
Celeriac, 1 oz. to 10,000 plants .....	4 "	Potatoes .....	600 to 700 pounds
Chervil, 1 oz. to 8000 plants .....		Pumpkin, 1 oz. to 50 hills .....	3 "
Chicory .....	4 pounds	Radish, 1 oz. to 100 feet of drill .....	8 to 10 "
Collards, 1 oz. to 5000 plants .....		Sage, 1 oz. to 100 feet of drill .....	5 "
Corn, Sweet, ¼ pound to 100 hills .....	12 "	Salsify, 1 oz. to 60-foot row .....	8 "
Cress, 1 oz. to 150 feet of drill .....		Spinach, 1 oz. to 100 feet of drill .....	12 "
Cucumber, 1 oz. to 50 hills .....	2½ "	Squash, Summer, 1 oz. to 25 hills .....	4 "
Dandelion, 1 oz. to 200 feet of drill .....	2 "	Squash, Winter, 1 oz. to 10 hills .....	2 "
Dill, 1 oz. to 200 feet of drill .....	5 "	Tomato, 1 oz. to 2500 plants .....	3 ounces
Eggplant, 1 oz. to 2000 plants .....	4 ounces	Tobacco, 1 oz. to 5000 plants .....	
Endive, 1 oz. to 300 feet of drill .....	4½ pounds	Turnip, 1 oz. to 200 feet of drill .....	1½ pounds
Kale, 1 oz. to 300 plants .....	4 ounces	Turnip, Rutabaga, 1 oz. to 150 feet of drill .....	1 "
Kohl-Rabi, 1 oz. to 200 ft. of drill .....	1½ pounds		

## GRAIN AND FORAGE CROPS

	Pounds per acre	Weight per bu.		Pounds per acre	Weight per bu.
Alfalfa .....	15-25	60	Millet, Hungarian .....	50	48
Barley, for grain .....	100	48	Millet, Japanese .....	15-25	35
Barley, for forage .....	140	48	Oats, for grain .....	50-60	32
Beans, Soy or Soja .....	60-75	60	Oats, for forage .....	100	32
Buckwheat .....	50-75	48	Peas, Field, broadcast .....	150-160	60
Clover, Alsike .....	6-8	60	Peas, with Oats .....	90-100	60
Clover, Crimson .....	18-20	60	Rye, for grain .....	60-75	56
Clover, Ladino .....	4	60	Rye, for forage .....	80-100	56
Clover, Mammoth Red .....	10-12	60	Rape, Dwarf Essex, in drills .....	4-6	50
Clover, Medium Red .....	10-12	60	Rape, Dwarf Essex, broadcast .....	8-10	50
Clover, White Sweet .....	20	60	Sudan Grass, in drills .....	4-6	40
Corn, Dent, for silage .....	20-30	56	Sudan Grass, broadcast .....	18-20	40
Corn, Flint, for grain .....	15	56	Vetch, Hairy, with one bushel small grain .....	30-40	60
Millet, Golden .....	50	50	Wheat .....	90-120	60

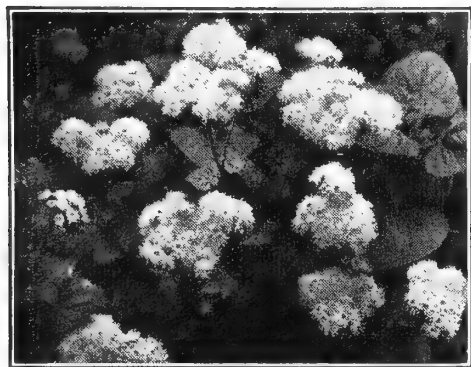
## GRASS SEEDS

	Pounds per acre	Weight per bu.		Pounds per acre	Weight per bu.
Awnless Brome .....	18-25	14	Rye Grass, English or Perennial .....	25-30	28
Blue Grass, Canada .....	30-35	14	Rye Grass, Italian or Common .....	25-30	22
Blue Grass, Kentucky .....	20-25	14	Red Top, Recleaned Seed, Worcester Brand .....	40-50	36
Creeping Bent .....	50	14	Red Top, Unhulled Seed .....	70	14
Crested Dogstail .....	30	28	Rhode Island Bent .....	20-40	14
Fescue, Chewings .....	30	16	Poa Trivialis .....	30-35	26
Fescue, Meadow .....	24	16	Tall Meadow Oat .....	45	12
Fescue, Red or Creeping .....	30	16	Timothy .....	12-25	45
Fescue, Various Leaved .....	20-25	15	Lawn Seed Mixture, Shady Spot .....	100-125	20
Meadow Foxtail .....	30	8	Lawn Seed Mixture, Worcester Brand .....	100-125	25
Orchard Grass .....	20-25	14			

## NUMBER OF PLANTS, TREES, ETC., REQUIRED TO SET AN ACRE

Distance	Number	Distance	Number
1 ft. by 1 ft. ....	43,560	6 ft. by 6 ft. ....	1,210
1½ ft. by 1½ ft. ....	19,360	8 ft. by 8 ft. ....	680
2 ft. by 1 ft. ....	21,780	10 ft. by 10 ft. ....	434
2 ft. by 2 ft. ....	10,890	12 ft. by 18 ft. ....	302
2½ ft. by 2½ ft. ....	6,970	15 ft. by 15 ft. ....	194
3 ft. by 1 ft. ....	14,520	18 ft. by 18 ft. ....	134
3 ft. by 2 ft. ....	7,260	20 ft. by 20 ft. ....	103
3 ft. by 3 ft. ....	4,840	25 ft. by 25 ft. ....	70
4 ft. by 4 ft. ....	2,722	30 ft. by 30 ft. ....	40
5 ft. by 5 ft. ....	1,742	40 ft. by 40 ft. ....	27

# ROSS' BETTER ANNUAL FLOWERING SEEDS



*Ageratum, Midget Blue*

Annuals are flowers that sprout from seed, all of which die within the limits of the garden year. Being inexpensive, they appeal to both home owner and renter. It is possible to enjoy at a low cost all of Nature's beauty in color and fragrance. The many varieties we offer in this book are carefully selected to supply the utmost in flower beauty and satisfaction.

## ABUTILON

(Flowering Maple)

138 **Hybridum Mixed.** Pkt., 25c.

## ACROCLINIUM

(Everlasting Flower)

An everlasting flower, which, when cut and dried, is very valuable for winter bouquets.

139 **Light Rose and Pure White, Mixed.** Pkt., 15c; ¼ oz., 50c.

## AGROSTEMMA

Pretty, free-blooming plants of easy culture, especially desirable for dry situations. Excellent for cutting.

160 **Coeli-Rosa** (Rose of Heaven). Rose, with white center. Hardy annual. 1½ feet. Pkt., 15c; ¼ oz., 40c.

## ADONIS

145 **Aestivalis (Flos Adonis).** Red. Pkt., 15c; ⅛ oz., 60c.

## AGERATUM

(Floss Flower)

Hardy Annual

A plant of the greatest beauty and value for garden or window, unexcelled for border, rock garden or bedding.

148 **Mexicanum.** Blue. 1½ ft. Pkt., 15c; ⅛ oz., 35c.

149 **Mexicanum album.** White. 1½ ft. Pkt., 15c; ⅛ oz., 35c.

150 **Fairy Pink.** Soft salmon-rose-pink. Pkt., 15c.

151 **Blue Bedder.** Mex. Dwarf. Deep lavender-blue. 4 in. Pkt., 15c; ⅛ oz., \$1.00.

152 **Midget Blue.** A truly compact variety only 3 to 4 inches tall with dense spread. Azure-blue flowers. Pkt., 15c; ⅛ oz., \$1.00.

153 **Little Blue Star.** A miniature variety with beautiful mauve flowers. 5 inches. Pkt., 15c; ⅛ oz., 60c; ¼ oz., \$1.00.

154 **Blue Perfection.** Large heads of amethyst-blue flowers; 8 inches. Pkt., 15c; ⅛ oz., 35c; ¼ oz., 60c.

155 **Dwarf Blue Cap.** Dwarf rich blue flowers. 4 inches. Pkt., 15c; ⅛ oz., 75c; ¼ oz., \$1.40.

156 **Purple Perfection.** Extra dwarf. Deepest blue. Pkt., 15c; ⅛ oz., 35c.

157 **Golden Ageratum** (Lonas inodora). Large clusters of Ageratum-like golden yellow flowers. 12 inches. Pkt., 15c; 1/16 oz., 75c.

158 **Mixed Colors.** All varieties mixed. Pkt., 15c; ⅛ oz., 35c.

We Are Proud of the Gardens  
Our Customers Grow  
from Ross Seed

## ALYSSUM

A well known favorite, hardy annual, blooming profusely the entire season. Excellent for edging.

166 **Sweet Alyssum.** Fragrant, white. 10 in. Pkt., 15c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

167 **Little Gem.** Of spreading habit, forming compact masses of bloom often a foot or more in diameter. White, fragrant. 4 to 6 inches. Pkt., 15c; ¼ oz., 40c; ½ oz., 75c.

168 **Carpet of Snow.** Of very dwarf habit; white, fragrant. 2 to 3 inches. Pkt., 15c; ¼ oz., 40c; ½ oz., 75c.

169 **Violet Queen.** A dwarf, compact form, with bright violet flowers. Does not fade in hot weather. 4 inches. Pkt., 15c; ⅛ oz., 35c.

171 **Little Dorrit.** Little bushes fairly smothered with miniature white flowers. A gem for edging and beds. 3 inches high. Pkt., 15c; ¼ oz., 40c; ½ oz., 75c.

172 **Royal Carpet.** A new gem for the garden. The spreading, compact habit and rich violet-purple color should be an excellent companion to Carpet of Snow, and will emphasize any background. Height 3 in. Spread 12 in. Pkt., 25c; 1/16 oz., 75c.

## AMARANTHUS

Brilliantly colored foliage, and bearing peculiarly formed flowers.

175 **Caudatus** (Love-Lies-Bleeding). Long, drooping flower, blood-red; half-hardy annual. 3 feet. Pkt., 15c; ⅛ oz., 40c.

178 **Tricolor splendens** (Joseph's Coat). Red, yellow and green foliage. Pkt., 15c; ⅛ oz., 40c.

## ANTIRRHINUM

(Snapdragon)

Rust-proof. 75% or better Rust-proof.

One of the most beautiful and useful bedding plants, blooming profusely throughout the summer. Fine for cutting.

190D **University of California De Luxe Mixture.** Pkt., 15c; ⅛ oz., 75c; ¼ oz., \$1.25.

191 **Maximum Rust Resistant.** California Giants. Exquisite mixed. Pkt., 15c; ⅛ oz., 75c.

191A **Tetraploid Superfine Mixture.** Pkt., 25c; 1/16 oz., 75c.

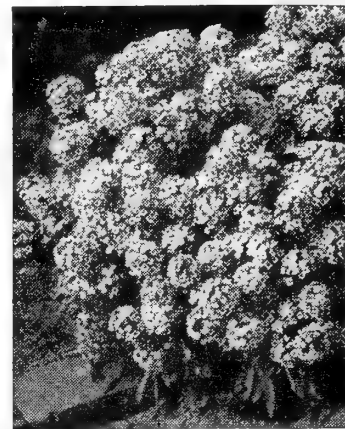
## Snapdragons, Large Flowered Type

197 **Tall Mixed.** Pkt., 15c; ⅛ oz., 50c.

198 **Grandiflora.** Giant varieties mixed. Pkt., 15c; ⅛ oz., 50c.

199 **Semi-Dwarf Varieties.** Mixed colors. Pkt., 15c; ⅛ oz., 65c.

199A **Tom Thumb.** Extra dwarf. Choice mixture. Pkt., 15c; ⅛ oz., 70c.



*Alyssum, Violet Queen*

## ANCHUSA

184 **Blue Bird.** Compact plants, 20 to 24 inches high with clusters of vivid indigo-blue flowers. Excellent for cutting.

Pkt., 15c; ¼ oz., 50c; ½ oz., 90c.

185 **Capensis** (Cape Forget-Me-Not). Attractive annual with azure-blue flowers. 1½ feet. Pkt., 15c; ¼ oz., 50c; ½ oz., 90c.

## ARCTOTIS

210 **Grandis** (Blue-Eyed African Daisy). 3 feet. Pearly white with a gold band surrounding a mauve center. Foliage gray-green.

Pkt., 15c; ⅛ oz., 35c.

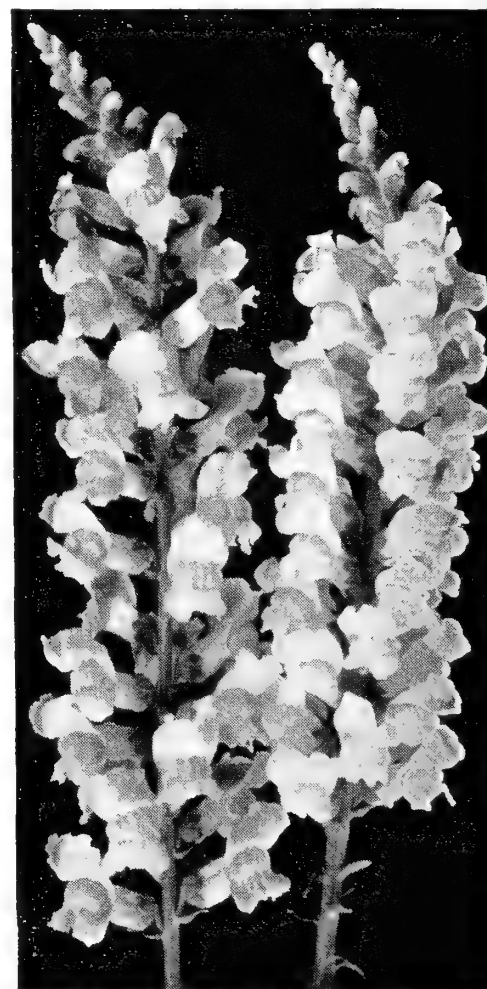
211 **Hybrids.** Showy Daisy-like flowers, red and orange shades. Pkt., 15c; ⅛ oz., 75c.

## ASPARAGUS

216 **Plumosus nanus.** Beautiful house plants. The feathery foliage is unrivaled for cutting.

Pkt., 15c; ⅛ oz., 60c.

217 **Sprengeri.** Excellent plants for table decorations. Pkt., 15c; ⅛ oz., 60c.



*Antirrhinum (Snapdragon)*



# Ross Brothers' Famous ASTERS



*Aster,  
California Sunshine*



*Aster,  
Heart of France*

## CALIFORNIA SUNSHINE

An attractive Anemone-flowered variety particularly fine for cutting. 2½ feet.

24 Mixed Colors.

Pkt., 15c; ⅛ oz., 60c; ¼ oz., \$1.00.

## 32 HEART OF FRANCE

(WILT-RESISTANT)

Rich dark red. Very double, of strong branching habit. 1½ to 2 feet. Midseason.

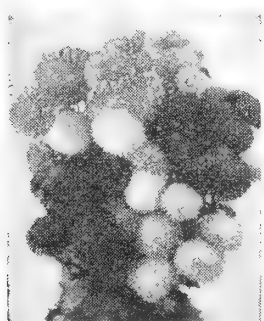
Pkt., 15c; ⅛ oz., 60c; ¼ oz., \$1.00.

## SINGLE CHINENSIS

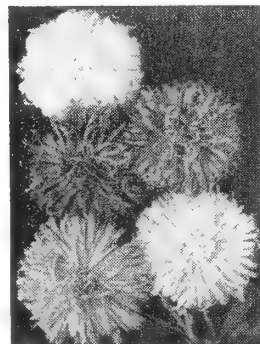
(WILT-RESISTANT)

15 Rainbow Mixture.

Pkt., 15c; ⅛ oz., 50c.



*Aster, Powderpuffs*



*Aster, Improved  
Crego*

## 32A POWDERPUFFS

A mixture of erect 24-inch "bouquet"-shaped plants literally covered with 3-inch, full-double, puffball cut flowers, better than 20 to the plant. A ribbon of brilliance in landscaping for bloom covers all foliage. Highly wilt-resistant. Early.

Pkt., 25c.

## IMPROVED CREGO or TALL OSTRICH FEATHER

(WILT-RESISTANT)

Plants robust, branching, about 2½ ft. Flowers large, double and well formed; one of the finest varieties for all purposes.

35A Finest Mixed.

Pkt., 15c; ⅛ oz., 60c; ¼ oz., \$1.00.

## QUEEN OF THE MARKET

(WILT-RESISTANT)

A very early blooming strain, which, though plant is only 1¼ feet high, bears from 10 to 15 well formed, medium sized flowers on long stems. Much used by florists.

34 Ballet Queen. Deep salmon-rose.

35 Ballet Type, Finest Mixed.

36 Purple

37 White

38 Rose

39 Light Blue

40 Flesh-Pink

41 Crimson

42 Mixed Colors

Each, pkt., 15c; ⅛ oz., 60c; ¼ oz., \$1.00.

## EARLY BEAUTY

(WILT-RESISTANT)

Plants 2½ to 3 feet with long, heavy stems, bearing large, compact flowers. They bloom from late August until frost.

43 Azure Fairy. Azure-blue.

43A Crimson

44 Purple

44A September Beauty. Shell-pink.

45 White

45A Finest Mixed

Pkt., 15c; ⅛ oz., 60c.

## CALIFORNIA GIANT DOUBLE

A variety of Asters of the Improved Comet type, with strong stems. Petals curved and twisted. Plant grows 2 to 3 feet tall. Midseason.

8 White. New; fine.

9 Peach Blossom

10 Light Blue

11 Light Purple

12 Deep Rose

13 Dark Purple

Pkt., 15c; 1/16 oz., 30c; ⅛ oz., 60c; ¼ oz., \$1.00.

14 Mixture of Above

Pkt., 15c; ⅛ oz., 60c; ¼ oz., \$1.00.

## EARLY ROYAL

(WILT-RESISTANT)

Plants branching, 2 to 2½ feet, blooming in mid-August directly following the Queen of the Markets.

46 Peach Blossom

47 White

47A Deep Rose

48 Lavender

48A Purple

49 Mixed Colors

Pkt., 15c; ⅛ oz., 40c.

## SUPER GIANT

The flowers are from 5 to 6 inches across; full, graceful, interesting petals. Plants are about 2½ feet tall, with 6 to 8 long, non-lateral stems per plant.

50 Los Angeles. Shell-pink.

Pkt., 15c; ⅛ oz., 60c.

51 El Monte. Crimson. Pkt., 15c; ⅛ oz., 60c.

52 Santa Maria. Largest and most fully double pure white Aster with long, lacy petals curling from an interlacing powdery center.

Pkt., 15c; ⅛ oz., 75c.

53 Super Giants Mixed. Wilt-resistant.

Pkt., 15c; ⅛ oz., 60c.

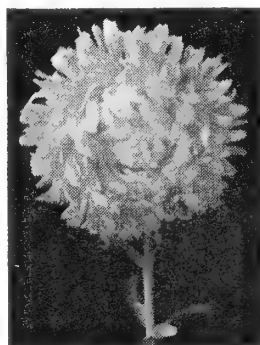
## MISSION GIANTS

New medium early branching type Aster. Immense all double quilled flowers framed by many rows of broad guard petals. 24 inches tall with heavy stems carrying large 5-in. flowers.

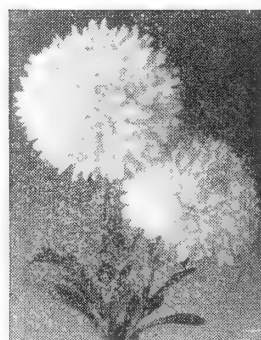
75 Choice Mixture.

Pkt., 25c.

NOTE: Please order by number as well as name.



*Aster, Early Beauty*



*Aster, Early Royal*

## PRINCESS

(WILT-RESISTANT)

Plants 2 to 2½ feet tall, branching and free flowering, early blooming, bearing quantities of 3- to 3½-inch flowers on strong stems. Flowers have a full deep crested center, surrounded by several rows of dainty, plume-like guard petals.

68 Elizabeth. Pure white.

70 Barbara. Orchid.

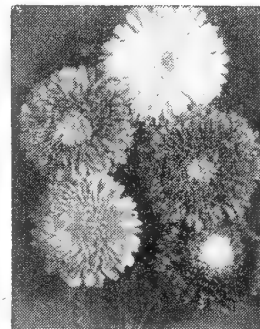
71 Goldilocks. Early deep yellow.

72 Linda. Rose.

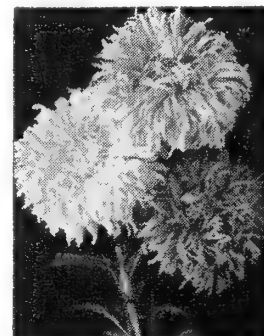
73 Marsha. Rich cinnabar-scarlet. Upright type.

74 Finest Mixed.

Pkt., 15c; ⅛ oz., 60c.



*Aster, Princess*



*Aster, California  
Giant Double*

## GIANT BRANCHING COMET

(WILT-RESISTANT)

Plants upright, 2 ft., non-branching, feathery, double flowers. Blooms middle of August.

82 Mixed Colors. Many colors and shades.

Pkt., 15c; ⅛ oz., 50c.

## AMERICAN BRANCHING

(WILT-RESISTANT)

A superior late-blooming strain of American origin. The flowers are of the largest size, borne on long, graceful stems often 15 or more inches in length, are exceedingly beautiful and unsurpassed for cutting. Blooms in late August. 2½ feet.

108 White

111 Sensation. Scarlet.

109 Pink

112 Purple

110 Azure-Blue

116 Mixed Colors

Each: Pkt., 15c; ⅛ oz., 60c; ¼ oz., \$1.00.

## EARLY GIANT

(WILT-RESISTANT)

Flowers are of the largest Giants of California type. Plants are 1½ feet high with strong, heavy stems. Blooms in mid-August.

118 Light Blue. A big, lacy, light blue flower.

Pkt., 15c; 1/16 oz., 40c.

119 Peach Blossom. Opens white, flushes lavender-pink.

Pkt., 15c; 1/16 oz., 40c.

120 Rose Marie. Rich lively shade of rose.

Pkt., 15c; 1/16 oz., 40c.

121 Finest Mixed.

Pkt., 15c; 1/16 oz., 40c.

## 124 WORCESTER MIXTURE

Our own mixture of the leading choice varieties, includes every color and shade known among Asters.

Pkt., 15c; ⅛ oz., 60c; ¼ oz., \$1.00.

## Peat Moss Breaks Heavy Soils and Holds Moisture

Use Peat Moss freely, it holds moisture, lightens the soil and assists the growth of most plants.

Standard bale (about 20 bushels),  
Market Price.

# FLOWER SEEDS *The Same Dependable Seeds of Annuals and Perennials that We Sell to the Florist*

## BALSAM

They are among the showiest and most popular of our summer garden annuals, forming bushy plants, covered with double flowers of brilliant colors.

**225 Improved Camellia-Flowered. Mixed Colors.** Double flowers of the finest type and a wide range of beautiful colors.

Pkt., 15c; ¼ oz., 40c.

**227 Double Dwarf Mixed.** Showy little bushes about 8 inches high, with double and semi-double flowers.

Pkt., 15c; ¼ oz., 40c.

**228 Double Rose-Flowered. Finest Mixed.**

Pkt., 15c; ¼ oz., 25c.

**230 Choice Mixed.** Double flowers of many colors.

Pkt., 15c; ¼ oz., 40c.

## BALLOON VINE

**235.** A tender annual climber of rapid growth, bearing small white flowers followed by curious inflated seed-vessels, somewhat resembling a balloon. 10 to 15 feet.

Pkt., 15c; ½ oz., 35c.

## BARTONIA AUREA

**236.** Showy, hardy annual, its golden yellow flowers being freely produced. It grows well in partial shade, but should not be crowded.

Pkt., 15c; ½ oz., 25c.

## BEANS

### ORNAMENTAL VARIETIES

The Scarlet and White Runner Beans are popular as ornamental climbers. The former is largely grown. Fine for ornamental effects.

**240 Scarlet Runner.** Pkt., 15c.

## BELLS OF IRELAND

(*Molucella Laevis*)

**241.** Green, bell-shaped flowers on sturdy stems. Exceptional keeping quality as cut flower. For best germination seed should be sown when soil has warmed well in spring. Annual. 2 ft.

Pkt., 25c; ½ oz., \$1.00.

**BLUE LACE FLOWER.** See Didiscus.

## BRACHYCOME

(*Swan River Daisy*)

A free-flowering plant of dwarf, compact growth, bearing single blue or white flowers. Half-hardy annual. 1 ft.

**250 Mixed Colors.** Pkt., 15c; ½ oz., 35c.

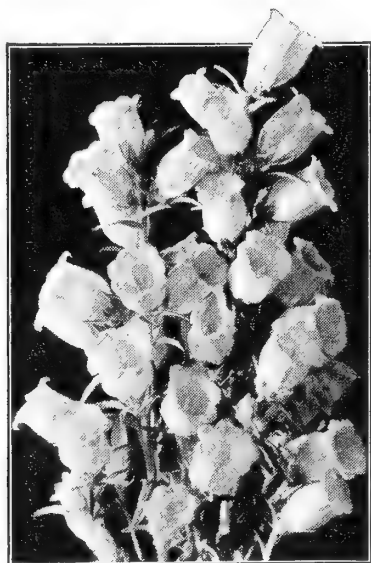
## BROWALLIA

Free-blooming half-hardy annual. For beds, borders or pots. 1½ ft.

**251 Elata.** Azure-blue. Pkt., 15c; ½ oz., 50c.

## CACTUS

**251A Rare Sorts Mixed.** Pkt., 25c.



Canterbury Bells

## CALLIOPSIS

(*Annual Coreopsis*)

Showy Daisy-like flowers, ideal for cutting or for massing in a border.

**260 Mixed Colors.** 1½ to 2 feet.  
Pkt., 15c; ¼ oz., 35c; ½ oz., 60c.

**261 Golden Crown** (Drummondii). Semi-double. Improved rich yellow, maroon center.  
Pkt., 15c; ¼ oz., 35c.

**262 Golden Wave** (Drummondii). Golden yellow with small dark center. 1½ feet.  
Pkt., 15c; ¼ oz., 35c.

**263 Ray of Gold.** Yellow with purplish brown center. 6 to 8 inches. Pkt., 15c; ¼ oz., 35c.

## CANARY CREEPER

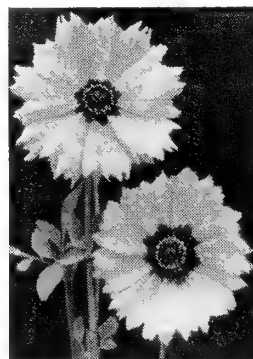
(*Tropaeolum Canariense*)

**275.** A rapid growing, half-hardy annual climber, bearing curiously formed yellow flowers. Blooms until frost. 10 to 15 feet.

Pkt., 15c; ¼ oz., 50c.



Candytuft,  
Hyacinth-Flowered



Calliopsis, Golden  
Crown

## CANDYTUFT

Popular hardy annual, growing in any soil, requiring but little care, and by repeated sowings may be had in bloom all summer. 6 inches to 1 foot.

**276 Rose-Carmine.** Pkt., 15c; ¼ oz., 35c; ½ oz., 60c.

**277 Dark Crimson** (Dunnett's). Pkt., 15c; ¼ oz., 35c; ½ oz., 60c.

**278 Empress.** Large trusses; pure white. Pkt., 15c; ¼ oz., 35c; ½ oz., 60c.

**279 Giant Hyacinth-Flowered.** Heads of immense size, resembling the Hyacinth. White. Pkt., 15c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

**280 Mixed Colors.** Pkt., 15c; ¼ oz., 35c.

**282 Dwarf Hybrids.** Mixed colors. Of dwarf habit but flowers are large. Pkt., 15c; ¼ oz., 35c.

**283 Dwarf Empress** (Little Prince). Large flowered pure white. Pkt., 15c; ¼ oz., 35c.

## CANNA

The Crozy Cannas are well known for their growth and luxuriant foliage. The flowers are large and of most brilliant colors.

**284 Crozy's Dwarf.** Dark, large flowering varieties. Mixed. 3 to 4 feet. Pkt., 15c.

**285 Giant Flowered New Hybrids.** Mixed. Pkt., 15c.

**CARDINAL CLIMBER.** See Ipomoea, No. 549.

**CARDINAL FLOWER.** See Lobelia, No. 588.



Calendula

## CALENDULA

(*Pot Marigold*)

A very free blooming hardy annual of easy culture. Flowers double, borne on stiff stems, and are cut to some extent, but the plant is more desirable for bedding. 1 to 1½ feet.

**252 Campfire or Sensation.** Improved strain. Dark orange with scarlet sheen.  
Pkt., 15c; ¼ oz., 40c; ½ oz., 75c.

**253 Chrysantha or Sunshine.** Clear buttercup-yellow, petals incurved.  
Pkt., 15c; ¼ oz., 40c; ½ oz., 75c.

**253A Yellow Colossal.** Extra large, lemon-yellow flowers. Pkt., 15c; ¼ oz., 50c.

**254 Ball's Gold.** Deep golden yellow, dark center, very large flowers.  
Pkt., 15c; ½ oz., 25c; ¼ oz., 40c.

**255 Ball's Masterpiece.** Rich deep orange, dark center, long stems.  
Pkt., 15c; ½ oz., 25c; ¼ oz., 40c.

**255A Ball's Orange Improved.** Brilliant orange, light center, petals slightly notched.  
Pkt., 15c; ½ oz., 25c; ¼ oz., 40c.

**256 Pacific Beauty Mixed.** Large flowered, tall, heat resistant strain. Pkt., 15c; ¼ oz., 50c.

**257 Orange King.** Extra select. Large dark orange, dark center.  
Pkt., 15c; ¼ oz., 35c; ½ oz., 60c.

**258 Lemon Queen.** Clear lemon-yellow.  
Pkt., 15c; ¼ oz., 35c; ½ oz., 60c.

**259 Mixed Varieties.** Pkt., 15c; ¼ oz., 40c; ½ oz., 75c.

**259A Sunset Shades Mixed.** Pkt., 15c; ¼ oz., 35c.

## CANTERBURY BELLS

**274A Finest Mixed.** A new annual Canterbury Bell which blooms from seed in less than six months. Plants 2 to 2½ feet.

Pkt., 15c; ½ oz., 50c.

**We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.**



# Ross' Choice Annuals



*Carnation, Marguerite*

## CARNATION (*Dianthus Caryophyllus*)

**287 Marguerite Giants.** Double special mixture. Flower approaches in form, size, fragrance and beauty those grown by the florist.  
Pkt., 15c; 1/8 oz., 60c.

## CASTOR BEAN (*Ricinus*)

Well known tender annual, with palm-like leaves of glossy green, brown or bronze hue. 6 to 15 feet.

**295 Borboniensis.** Large, showy foliage of purplish hue. 15 feet.  
Pkt., 15c; 1/2 oz., 35c; oz., 60c.

**296 Cambodgensis.** Stalks and stems nearly black; leaves large, of a deep bronze-maroon. 6 feet.  
Pkt., 15c; 1/2 oz., 30c; oz., 50c.

**297 Sanguineus.** Deep blood-red leaves.  
Pkt., 15c; 1/2 oz., 30c; oz., 50c.

**298 Zanzibariensis.** With gigantic leaves, ranging in color from light green to deep bronze. 10 to 15 feet. Mixed varieties.  
Pkt., 15c; 1/2 oz., 30c; oz., 50c.

**299 Gibsoni.** Large dark red leaves. 5 feet.  
Pkt., 15c; 1/2 oz., 30c; oz., 50c.

**300 All Varieties Mixed.**  
Pkt., 15c; 1/2 oz., 25c; oz., 40c.

## CINERARIA HYBRIDA GRANDIFLORA

**294 Cremer's Prize Mixture.** The plants are of compact growth, carrying extra large flower heads with flowerets of unusual size and substance.  
Pkt., 50c.

## COCKSCOMB (*Celosia cristata*)

Free blooming annuals of easy culture, producing large, brilliant, comb-like heads. Excellent for borders, edging or pots.

**305 Glasgow Prize.** Crimson; dark foliage. 9 inches.  
Pkt., 15c; 1/8 oz., 50c.

**307 Mixed.** Pkt., 15c; 1/8 oz., 50c.

**309 Dwarf, Extra Choice Mixed.** Includes all the latest introductions and colors of the Cockscomb.  
Pkt., 15c; 1/8 oz., 50c.

## CELOSIA PLUMOSA (*Lilliput*)

**310 Lilliput, Fire Feather.** Glowing scarlet. 12 inches.  
Pkt., 15c.

**311 Lilliput, Golden Feather.** Golden yellow. 12 inches.  
Pkt., 15c.

**311A Lilliput Mixed.** Pkt., 15c.

## FEATHERED CELOSIA

(*Celosia plumosa*)

Often used for winter bouquets, and for this purpose should be cut before fully ripe and dried in the house.

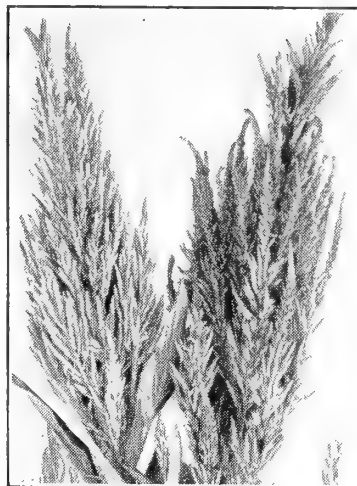
**312 Plumosa, Scarlet Plume.**  
Pkt., 15c; 1/16 oz., 40c.

**312A Golden Fleece.** The clear golden yellow feathery spikes are carried on good stems, giving a magnificent airy appearance.  
Pkt., 15c; 1/8 oz., 75c.

**312B Pampas Plume.** Giant flowered strain in bronze, copper, gold and sunset shades.  
Pkt., 15c; 1/8 oz., 75c.

**313 Thompsoni magnifica.** Large plumes, ranging from clear yellow to darkest red.  
Pkt., 15c; 1/8 oz., 50c.

**314 Choice Mixed.** Pkt., 15c; 1/8 oz., 40c.



*Celosia Plumosa*

## CHINESE WOOLFLOWER

(*Celosia Childsi*)

Large, globular heads like balls of wool chenille. The plants, 2 to 3 feet in height, branch freely, each branch terminating with a flower-head. Blooms from early summer to frost.

**329C Mixed Colors.** Pkt., 15c; 1/8 oz., 50c.

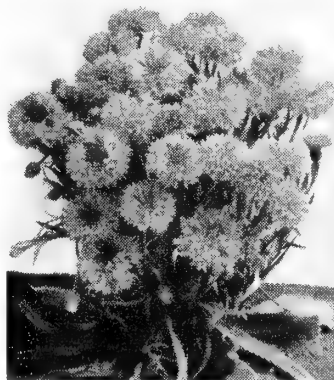
## CENTAUREA

To this family belong the well known annuals, Bachelor's Button and Sweet Sultan, and also the plants known as Dusty Millers.

**315 Americana Lilac** (Basket Flower). The plant grows 3 feet tall and bears immense thistle-like blooms of rosy lavender color.  
Pkt., 15c; 1/4 oz., 40c.

**316 Americana alba** (Star Thistle). 3 feet. Large heads of double, fluffy blooms, almost pure white.  
Pkt., 15c; 1/4 oz., 40c.

**316A Jubilee Gem.** Dwarf, compact plants, about 12 inches high, literally covered with dark but very vivid, double, blue flowers.  
Pkt., 15c; 1/8 oz., 30c; 1/4 oz., 50c.



*Centaurea Jubilee Gem*

## CENTAUREA CYANUS

**317 Double Black Boy.** Blackish maroon.  
Pkt., 15c; 1/4 oz., 40c; 1/2 oz., 60c.

**318 Double Blue Boy.** Rich deep blue.  
Pkt., 15c; 1/4 oz., 40c; 1/2 oz., 60c.

**318A Double Pinkie.** Deep pink.  
Pkt., 15c; 1/4 oz., 40c; 1/2 oz., 60c.

**319 Double Red Boy.** Deep red.  
Pkt., 15c; 1/4 oz., 40c; 1/2 oz., 60c.

**319A Double Snow Man.** Pure white.  
Pkt., 15c; 1/4 oz., 40c; 1/2 oz., 60c.

**320 Cyanus Double Mixed.**  
Pkt., 15c; 1/4 oz., 30c; 1/2 oz., 50c.

## CENTAUREA (*Sweet Sultan*)

**321 Moschata** (Common Sweet Sultan). Mixed colors.  
Pkt., 15c; 1/4 oz., 40c.

**322 Suaveolens** (Yellow Sweet Sultan).  
Pkt., 15c; 1/4 oz., 50c.

## IMPERIALIS (*Royal Sweet Sultan*)

Improved type of Sweet Sultan. Both plants and flowers are larger than the common.

**323 Deep Lavender.** Pkt., 15c; 1/8 oz., 25c.

**324 White.** Pkt., 15c; 1/8 oz., 25c.

**325 Mixed Colors.** Pkt., 15c; 1/4 oz., 35c.

## WHITE-LEAVED CENTAUREAS (*Dusty Miller*)

Half-hardy perennials which are grown annually from their seed for their foliage only. Used with other foliage and flowering bedding plants.

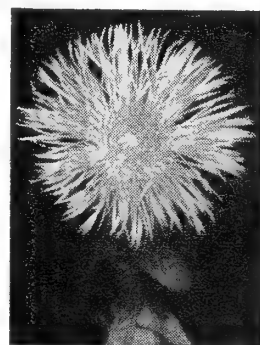
**326 Candidissima.** Yellow, silvery foliage. 1 foot.  
Pkt., 15c; 1/8 oz., 60c.

**327 Gymnocarpa.** Lavender, silvery white foliage; of graceful drooping habit. 1 1/2 ft.  
Pkt., 15c; 1/4 oz., 30c.

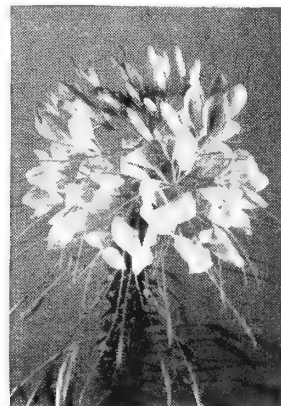
## CLARKIA

Beautiful hardy annual of easy culture. Blossoms are borne in profusion on long, graceful sprays. Fine for cutting. 2 feet.

**338 Elegans Double Mixed.**  
Pkt., 15c; 1/8 oz., 30c; 1/4 oz., 50c.



*Centaurea Americana*



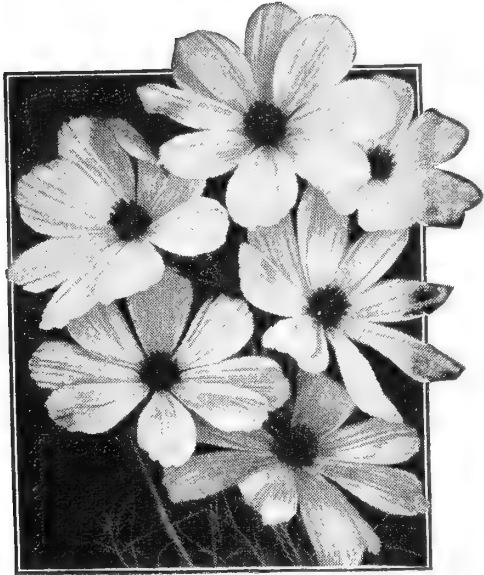
*Cleome*

## CLEOME—"GIANT SPIDER PLANT"

**343 Pink Queen.** A showy garden annual producing curious heads of flowers of clear soft pink color with long antenna-like stamens. 4 to 5 feet.  
Pkt., 15c; 1/8 oz., 50c.

**342 Helen Campbell.** Tall, vigorous. Pure white, light green stems. Pkt., 15c; 1/8 oz., 60c.

# ROSS' GIANT COSMOS-In Variety



## GIANT FLOWERING COSMOS

Cosmos are among the finest annuals for table decoration. They are invaluable in the mixed border and for their long period of flowering.

**359 Klondyke, Orange Flare.** Early flowering, deep orange. Pkt., 15c; 1/8 oz., 35c; 1/4 oz., 60c.

**359A Klondyke Semi-Double Orange Ruffles.** Vivid rich orange, butterfly-like double blooms. Pkt., 15c; 1/8 oz., 35c; 1/4 oz., 60c.

**360 Semi-Double Fiesta.** Brilliant flowers, gold striped scarlet. An easy to grow, early, heat resistant, free flowering annual for gardens and cutting. Pkt., 15c; 1/8 oz., 60c.

**362 Large Early Flowering.** The flowers are large and bloom early. Crimson, Rose and White mixed. Pkt., 15c; 1/8 oz., 30c; 1/4 oz., 50c.

**362A Crimson**      **362B Pink**      **362C White**  
Each, pkt., 15c; 1/8 oz., 30c; 1/4 oz., 50c.

## SENSATION TYPE

The Sensation type of Cosmos grows 4 to 5 inches in diameter with broad fluted petals. Blooms 8 to 10 weeks after sowing. 3 to 4 feet.

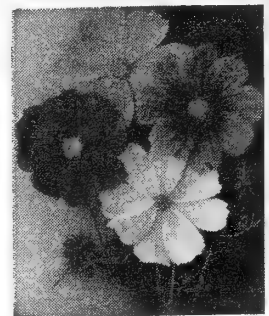
**363 Dazzler.** Dazzling crimson. Pkt., 15c; 1/8 oz., 35c.

**363A Sensation Radiance.** Deep rose petals, overlaid with large, well defined zone of rich crimson. Pkt., 15c; 1/8 oz., 35c; 1/4 oz., 60c.

**364 Sensation, Pinkie.** Clear rose-pink. Pkt., 15c; 1/8 oz., 35c.

**364A Sensation, Purity.** Pure white. Pkt., 15c; 1/8 oz., 35c.

**364B Sensation Finest Mixed.** Pkt., 15c; 1/8 oz., 35c; 1/4 oz., 60c.



*Cosmos, Sensation*

## EXTRA EARLY DOUBLE CRESTED COSMOS

The new annual crested type Cosmos is a distinct type, having double center, with a row of guard petals around the base.

**365 Crimson King.** Dark crimson.

**365A Pink Beauty.** Soft pink.

**365B White Queen.** Pure white.

**365C White, Pink and Crimson Mixed.**

Each, pkt., 15c; 1/8 oz., 40c; 1/4 oz., 75c;  
1/2 oz., \$1.40; oz., \$2.50.

## CHRYSANTHEMUM

Free flowering plants of branching habit, grow freely from seed, and are of easy culture, very desirable for cutting. Hardy annual. 1 to 1 1/2 feet.

**330 Single** (Painted Daisies). Mixed colors. Lively bright colors. Pkt., 15c; 1/8 oz., 25c; 1/4 oz., 40c.

**331 Helios, Evening Star.** Covered with bright golden yellow, single flowers. Pkt., 15c; 1/8 oz., 25c.

**333 Northern Star.** White, with yellow ring, dark eye. Pkt., 15c; 1/8 oz., 25c.

## COBAEA SCANDENS or CATHEDRAL BELLS

**345.** Rapid growing climbers with large purple bell-shaped flowers. 20 to 30 feet. Pkt., 15c; 1/8 oz., 40c.



*Chrysanthemum*



*Cobaea*

## COIX LACHRYMA (Job's Tears)

**347.** An ornamental grass growing from 7 to 9 feet high. Large, broad leaves bearing large, shiny seed. Pkt., 15c; 1/2 oz., 25c.

## BURBANK'S RAINBOW CORN

**357.** Annual. Grows about 5 feet high. The foliage is striped with rose, purple, green and cream color. Pkt., 15c; 1/2 oz., 25c.

## COLEUS

Ornamental foliage plants, easily grown from seed.

**349 RAINBOW MIXTURE.** Vigorous, brilliant, medium leaved mixture. Pkt., 25c; 1/16 oz., \$1.00.

**350 Hybridus, Small-Leaved.** Fine mixed. From a large collection; of greatly diverse shades and markings. Pkt., 25c; 1/16 oz., \$1.00.

**351 Hybridus, Extra Large-Leaved Varieties Rainbow Mixture.** Saved from new varieties with very large and richly variegated foliage. Pkt., 25c; 1/16 oz., \$1.00.

**352 Fringed Leaved Mixed.** Pkt., 25c.

## COLLINSIA

A free flowering hardy annual with lovely blooms arranged in whorls on slender stems. Blooms from June to October. 1 foot.

**353 Mixed Colors.** Pkt., 15c; 1/8 oz., 25c.

## CONVOLVULUS MINOR

(Dwarf Morning Glory)

**356 Dwarf Royal Ensign.** A 6-inch tall, compact, ultramarine-blue with golden throat. Pkt., 15c; 1/4 oz., 50c.

## CUPHEA

**367 Firefly** (Firecracker Plant). Semi-dwarf, compact annual with a spread of about 12 inches. The miniature bushes are covered with deep rosy scarlet blooms. Pkt., 15c.

## ROSS' GIANT CYCLAMEN

Charming house plants, with beautiful foliage and richly colored, fragrant flowers.

**369 Giant-Flowered Extra Choice Mixed.** Pkt., 50c.

## CYNOGLOSSUM

(Chinese Forget-Me-Not)

**369A Amabile.** Early flowering annual producing large sprays of rich blue flowers; excellent for cutting. 24 inches. Pkt., 15c; 1/4 oz., 40c.

**369B Firmament.** Dwarf, bright, indigo-blue. 15 inches. Pkt., 15c; 1/8 oz., 40c.

## CYPRESS VINE

A popular climbing vine, with fern-like foliage, bearing small, star-shaped, rose, scarlet, or white flowers. Half-hardy annual. 10 to 12 feet.

**370 Mixed Colors.** Pkt., 15c; 1/4 oz., 50c.

## ANNUAL AFRICAN DAISY

**376 African Golden** (*Dimorphotheca aureantiaca*). Beautiful showy annuals about 1 foot tall with gorgeous, Daisy-like blooms during summer and fall. Flowers are excellent for cutting. Pkt., 15c; 1/8 oz., 50c.

**379 Selected Hybrids Mixed.** Pkt., 15c; 1/8 oz., 50c.

## DATURA (Trumpet Flower)

Strong growing, ornamental annual shrubs. Flowers trumpet-shaped, large and fragrant.

**383 Double Finest Mixed.** Pkt., 15c.

## DIDISCUS

**420 Coeruleus** (Blue Lace Flower). An attractive annual, blooming from July until frost. The flowers are pale lavender and are valuable for cutting. Pkt., 15c; 1/8 oz., 40c.

**420A Lace Veil.** Pure paper white, early, long-stemmed. 2 1/4-foot plants. Cannot supply.

## DOLICHOS (Hyacinth Bean)

A rapid growing hardy annual climber, bearing all summer, clusters of white or purplish blue flowers, followed by ornamental seed pods. 10 feet.

**433 Tall Mixed Colors.** White and purple. Pkt., 15c; 1/4 oz., 35c.

## DRACAENA (Dragon Plant)

**434 Indivisa.** Beautiful ornamental leaved plants; long, narrow, green foliage; indispensable for vases and house decoration.

Pkt., 15c; 1/8 oz., 30c; 1/4 oz., 50c.

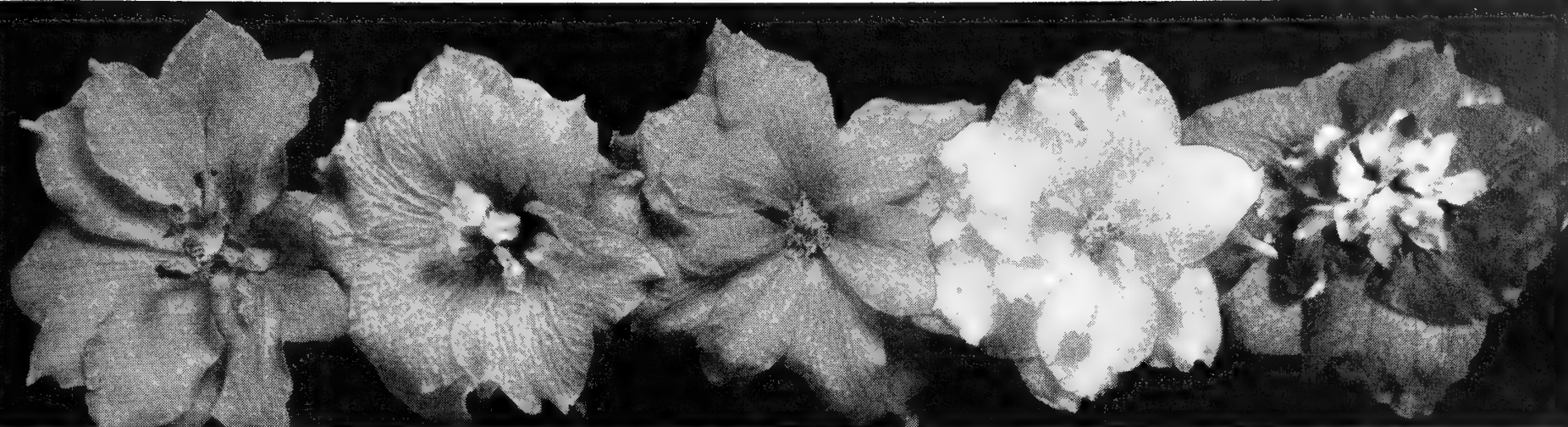


*Cuphea*



*Cynoglossum*





*The Individual Flowers of Supreme Larkspurs*

## DELPHINIUMS

(*Larkspur*)

Showy, hardy annuals bearing long spikes of lovely colored flowers. 3 to 4 feet.

385 **Dwarf Double Hyacinth-Flowered, Choice Mixed.** Pkt., 15c; 1/8 oz., 35c.

### SUPREME LARKSPURS

386 **Dark Blue**

387 **Light Blue**

388 **Rose**

389 **White**

390 **Supreme Mixed.**

Each, pkt., 15c; 1/8 oz., 25c; 1/4 oz., 40c; 1/2 oz., 75c.

391 **Tall, Double Stock-Flowered.** Mixed colors. A superior strain. 4 feet.

Pkt., 15c; 1/8 oz., 35c; 1/4 oz., 60c; 1/2 oz., \$1.00.

391A **Giant Imperial Lilac King.** Rich lilac, fully double, closely spaced florets.

Pkt., 15c; 1/8 oz., 35c.

391B **Regal Patriotic Mixture.** Red, white and blue. Pkt., 15c.

392 **Giant Imperial, Carmine King.** Deep carmine-rose. Pkt., 15c; 1/8 oz., 35c; 1/4 oz., 60c.

392A **Giant Imperial, Miss California.** Rich, deep pink on salmon ground. 4 feet.

Pkt., 15c; 1/8 oz., 35c; 1/4 oz., 60c.

392B **Giant Imperial, Blue Bell.**

Pkt., 15c; 1/8 oz., 35c; 1/4 oz., 60c.

392C **Giant Imperial, Blue Spire.** Very deep violet-blue. Pkt., 15c; 1/8 oz., 35c.

392D **Giant Imperial Finest Mixed.**

Pkt., 15c; 1/8 oz., 35c; 1/4 oz., 60c.

## DIANTHUS

(*Pinks*)

Hardy biennials, blooming the first year from seed. Plant 6 inches apart. Height 1 foot.

398 **Laciniatus, Single Gaiety.** Large, lacy flowers in a brilliant range of colors.

Pkt., 15c; 1/8 oz., 35c.

399 **Heddewigi Double** (D. Heddewigi fl.-pl.). Japan Pinks. Very large, double flowers of a wide range of color. Pkt., 15c; 1/4 oz., 40c.

400 **Single Mixed.** Large single flowers, varied colorings. Pkt., 15c; 1/4 oz., 40c.

406 **Laciniatus Double Mixed Colors.**

Pkt., 15c; 1/4 oz., 50c.

408 **Tetraploid Heddensis.** Finest mixed. Entirely new variety combining the large flowers of Heddewigi with the long-stemmed habit of Chinensis. 2-inch flowers on 16-inch stems, suitable for cutting. Pkt., 15c; 1/8 oz., 40c.

415 **Worcester Mixed.** All the above and other choice strains. Unsurpassed.

Pkt., 15c; 1/4 oz., 35c.

419 **Sweet Wivelsfield.** The growth is like Sweet William but the flowers are large and have a much wider range of colors.

Pkt., 15c; 1/8 oz., 35c.

## ESCHSCHOLTZIA

(*California Poppy*)

A very showy hardy annual, with finely cut, glaucous foliage, bearing Poppy-like flowers of bright colors. Of easy culture. Sow as early as soil can be worked, where plants are to remain, as they do not bear transplanting well. 1 foot.

439 **Californica.** Orange. Pkt., 15c; 1/2 oz., 35c.

442 **Mixed Colors.**

Pkt., 15c; 1/4 oz., 30c; 1/2 oz., 50c.

443 **Ramona Hybrids.** Finest mixed. A new compact strain with flowers beautifully frilled and incurved, a bright mixture.

Pkt., 15c; 1/8 oz., 35c; 1/4 oz., 60c.

## EUPHORBIA

Ornamental foliage plant; easily grown from seed. Striking and effective appearance. Hardy annual.

452 **Variegata** (Snow-on-the-Mountain). Foliage veined and margined with white. 2 feet.

Pkt., 15c; 1/4 oz., 40c.

453 **Heterophylla** (Fire-on-the-Mountain). A variety of Poinsettia which grows to a height of 2 1/2 to 3 feet. About the middle of summer the top central leaves turn rich orange-scarlet.

Pkt., 15c; 1/4 oz., 50c.

## FOUR O'CLOCK

(*Marvel of Peru*)

A well known favorite plant, bearing freely white, red and striped flowers, which open about four o'clock in the afternoon. 2 feet.

465 **Mixed Colors.**

Pkt., 15c; 1/2 oz., 30c; oz., 50c.

**FOXGLOVE.** See Digitalis.

## GAILLARDIA

(*Blanket Flower*)

ANNUAL  
VARIETIES

Very showy, free-blooming, hardy plants of easy culture. Seed germinates very slowly and should be sown in the house in March. Fine for cutting. 2 ft.

470 **Picta, Single.** Mixed colors.

Pkt., 15c; 1/8 oz., 25c.

471 **Picta, Double.** Mixed colors.

Pkt., 15c; 1/8 oz., 30c.

472 **Indian Chief.** Bronzy red. Single.

Pkt., 15c; 1/8 oz., 35c.

## GERANIUM

Well known, half-hardy, greenhouse perennials. When sown in the fall or early winter will produce flowers in June, while sown in March, plants will not bloom until September, and sown in the open ground in May or June, plants will bloom in midwinter.

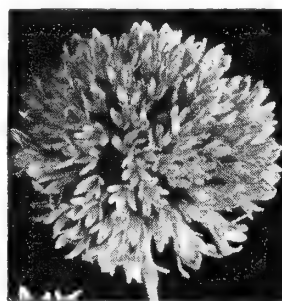
485 **Zonale** (Fish or Horseshoe Geranium). Saved from largest and finest varieties. Pkt., 15c.

## GERBERA

(*Transvaal Daisy*)

485A **Giant Hybrids Mixed.**

Pkt., 25c.



*Gaillardia, Double*

## GILIA

Bushy plants, of erect habit with fine feathery foliage. May be used as everlasting, retaining their color when dried; fine for cutting.

487A **Capitata** (Thimble Flower). 2 feet. Rich lavender-blue flowers, 1 inch across.

Pkt., 15c; 1/4 oz., 35c.

## GOMPHRENA

(*Globe Amaranth*)

488 **Mixed Colors.** A tender annual plant, bearing globe-shaped, everlasting flowers, often used, when dried, in winter bouquets. 1 1/2 feet.

Pkt., 15c; 1/4 oz., 50c.

## GLOXINIA

Beautiful Greenhouse Perennial

Large, bell-shaped flowers borne in clusters above velvety foliage.

489 **Giant-Flowered Finest Mixed.** A mixture of all classes unrivaled in richness of color.

Pkt., 25c.

## GODETIA or SATIN FLOWER

(ANNUAL)

Showy garden annuals, they are of compact growth, about 1 foot high, bearing flowers 3 to 4 inches across.

490 **Tall Double Mixed Colors.** Includes all varieties and the latest introductions.

Pkt., 15c; 1/8 oz., 35c.

## GOURDS ARE POPULAR

Ornamental, tender climbers. 10 to 20 feet.

493 **Miniature.** Very small, round white, striped green.

Pkt., 15c; 1/4 oz., 30c.

494 **Large Siphon or Dipper.** Club-shaped, light green.

Pkt., 15c; 1/4 oz., 30c.

495 **Large Bottle.** Light green.

Pkt., 15c; 1/4 oz., 30c.

496 **Small Warty.** Warty fruits of various shapes, white or orange.

Pkt., 15c; 1/4 oz., 30c.

498 **Large Varieties Mixed.**

Pkt., 15c; 1/4 oz., 30c; 1/2 oz., 50c.

500 **Mixed Varieties.** Small sorts.

Pkt., 15c; 1/4 oz., 30c; 1/2 oz., 50c.

## GYPSOPHILA

(*Baby's Breath*)

Flowers very small, borne in loose, graceful panicles. Very largely used in bouquets with other cut flowers.

501 **Elegans Deep Rose.** H.A.

Pkt., 15c; 1/8 oz., 25c.

503 **Repens (Creeping Baby's Breath).** Rose.

Pkt., 15c.

503A **Repens.** White.

Pkt., 15c.

505 **Elegans grandiflora alba.** Covent Garden Improved. Greatly improved strain, unusually large white flowers of fine substance. Excellent florist stock.

Pkt., 15c; 1/4 oz., 35c; 1/2 oz., 60c; oz., \$1.00.

## GREVILLEA

507 **Robusta** (Silk Oak). The graceful evergreen, fern-like foliage combines admirably with palms and other massive-leaved plants. Excellent for table decorations.

Pkt., 15c.

# MORNING GLORIES

Here is a group of the latest in Morning Glories—flowers are of magnificent size, yet still dainty and graceful.

## IPOMEA

(Morning Glory)

Rapid-growing climbers of easiest culture; bloom earlier and more profusely on rather poor soils, but of higher growth and more attractive foliage when grown on rich soil. Tender annuals. 15 to 30 feet.

**546A Candy Pink.** (New.) The first pure pink Morning Glory ever created. Big 4-inch diameter flowers of the brightest rose-pink-salmon coloring you can imagine. The bright and cheerful flowers last but one day, though each morning masses of new flowers are born and continue thus throughout the summer and until frost. Pkt., 25c.

**547 Crimson Rambler.** Deep crimson, free flowering; rapid grower. Pkt., 15c; ¼ oz., 40c.

**548 Pearly Gates.** Large, lustrous white flowers blending to cream in the throat, making a heavy cascade of flowers on fence, trellis, or garden wall. Pkt., 15c; ¼ oz., 50c.

### RAPID CLIMBERS

**548A Hearts and Honey Vine** (*Ipomoea quamoclit hybrida*). Three magic color changes each day. The flowers open a brilliant orange with prominent yellow centers. By noon the color changes to a reddish pink, the center somewhat lighter. In late afternoon the flowers become rose-pink with white center. Pkt., 25c.

**549 Cardinal Climber** (*Ipomoea quamoclit hybrida*). Leaves are dark green, fern-like and deeply lacinated; fiery cardinal-red flowers. Pkt., 15c; ⅛ oz., 50c; ¼ oz., 90c.

**550 Bona Nox** (Evening Glory). Beautiful, large, violet-blue flowers; open at night. Rapid growth. Pkt., 15c.

**551 Blue Star.** Light blue with dark blue ribs to form a star; very early. Pkt., 15c; ¼ oz., 50c.

**551A Darling.** Brilliant rose-cerise with pure white throat, large 4-inch flowers. Pkt., 15c; ⅛ oz., 35c.

**552 Rose Marie.** Double early flowering, clear deep rose. Pkt., 15c.

**553 Heavenly Blue.** Clark's Earliest (*rubra coerulea*). Deep sky-blue flowers. 4 to 5 inches across. Early flowering. Pkt., 15c; ¼ oz., 40c.

**554 Climbing Scarlett O'Hara.** Rich dark wine-red, freely produced on fast growing vines, which start blooming within 65 days after seed is sown. Pkt., 15c; ¼ oz., 50c.



Morning Glory, Heavenly Blue

## CHRISTMAS CHERRY (*Solanum*)

**555 Christmas Cherry, Patterson.** Compact strain with medium sized, round, red fruit. Pkt., 15c; ⅛ oz., 60c.

## HELICHRYSUM

(Strawflower; Everlasting)

One of the best everlasting flowers and an effective bedding plant. If flowers are desired for winter use, they should be cut just as the buds are opening. Hardy annual. 2 feet.

**515 Double Mixed Colors** (*H. monstrosum* fl.-pl.). Largest double flowers. Pkt., 15c; ⅛ oz., 35c; ¼ oz., 60c.

## HELIOTROPE

A well known favorite largely grown in pots, but thriving in the open border.

**518 Mixed Colors.** Dark varieties mixed. Pkt., 15c; ⅛ oz., 75c.

**519 Lemoine's Giant Mixture.** 24 to 30 inches. Large flower heads in blue, lavender and violet shades. Pkt., 15c; ⅛ oz., 75c.

**520 Regale Dwarf Mixed.** Extra large lavender-violet flower heads. 15 inches. Pkt., 15c; ⅛ oz., \$1.00.

## HOLLYHOCK

**533 Indian Spring.** (Annual.) Blooms in less than five months after seed is sown and blooms continuously until frost. Bright rose and rosy carmine. Semi-double. 1 to 5 feet. Pkt., 15c; ⅛ oz., 40c.

**534 Semi-Double, Annual Finest Mixed.** A new strain, blooming the first season from seed. Pkt., 15c; ⅛ oz., 35c.

## HUMULUS

(Hop)

Rapid growing climbers with attractive foliage. The Japanese variety is a hardy annual, the best for quickly covering unsightly objects.

**537 Japonicus** (Japanese Hop). Pkt., 15c; ¼ oz., 40c.

**538 Japonicus, Variegated Foliage.** Pkt., 15c; ¼ oz., 40c.

## HUNNEMANNIA

**540 Fumariaefolia** (Giant Tall Poppy or Bush Eschscholtzia). A yellow Poppy, pleasing both in the border and as a cut flower. Pkt., 15c; ¼ oz., 50c; ½ oz., 90c.

**541 Sunlite.** Gorgeous semi-double, clear canary-yellow blooms, with extra band of petals outside. Foliage is a light gray-green. Pkt., 15c; ⅛ oz., 30c; ¼ oz., 50c.

## ICE PLANT (*Mesembryanthemum*)

**546 Crystallinum.** A trailing plant, with succulent stems and leaves. Excellent for hanging baskets and rockwork. Tender annual. 9 inches. Pkt., 15c; ⅛ oz., 35c.

**545 Criniflorum** (Livingstone Daisy). A beautiful annual of spreading habit and covered with 1-inch, Daisy-like flowers. Excellent for rockery and edging. 3 inches. Pkt., 15c; ⅛ oz., 40c.

## KOCHIA

**556 Childsi** (Summer Cypress). A very quick growing annual. Through the summer this is bright green, but commences in early fall to gradually take on a red tinge, becoming entirely red before it dies. 2½ feet. Pkt., 15c; ¼ oz., 30c.

## LANTANA

**562 Hybrida Finest Mixed.** Shrubby, with many clusters of dainty flowers in yellow, red, orange, and pink. 18 inches. All summer. Fine for potting. Pkt., 15c; ⅛ oz., 40c.

## LAVATERA TRIMESTRIS

Beautiful and effective hardy annual, covered during the entire summer with pretty and showy blossoms.

**576 Splendens, Loveliness.** Bright carmine-rose, bronze foliage. Pkt., 15c; ¼ oz., 35c.

**577 Alba.** Pure white. Pkt., 15c; ¼ oz., 30c.

## LINARIA

**579 Northern Lights** (Baby Snapdragon). Plants grow 15 inches high, bushy but erect and are best grown from broadcast seed. Bloom very quickly from seed when spring sown. Pkt., 15c; ⅛ oz., 35c.

## LINUM

(Crimson Flax)

**580 Grandiflorum rubrum.** The rich crimson flowers last only a day, but are borne continuously until frost. 15 to 18 inches. Pkt., 15c; ¼ oz., 30c.

## LOBELIA

Pretty little plants of easy culture, blooming profusely from June until frost. The dwarf varieties are useful for bedding and edging, the trailing variety is excellent for hanging baskets, vases and rock work. Half-hardy annuals.

**585 Crystal Palace compacta.** Rich blue flowers, dark foliage. Pkt., 15c; ⅛ oz., 60c.

**586 Mrs. Clibran.** Extra dwarf. Dark blue, large white eye. Pkt., 15c; 1/16 oz., 40c.

**587 Hybrida pendula, Sapphire.** Dark blue with white eye. Trailing. Pkt., 15c; ⅛ oz., 75c.

## LUNARIA

(Honesty)

**589 Biennis.** Hardy biennial, but grown as annuals, admired for their silvery, papery seed pods, which are used for house ornaments. 3 feet. Pkt., 15c; ⅛ oz., 30c; ¼ oz., 50c.

## LUPIN

**590 Annual Varieties, Mixed.** Easily grown plants. Long, graceful spikes of Pea-shaped flowers of various colors. 2 feet. Pkt., 15c; ¼ oz., 30c; ½ oz., 50c.



Helichrysum



# MARIGOLDS *Giant Double - French - Miniature - Sweet Scented*



*Harmony*

**599 Scarlet Glow.** (Dwarf Double French.) Deep scarlet flowers turning to rich tangerine. Height 10 inches. Pkt., 15c; 1/8 oz., 50c.

**600 Yellow Supreme.** 2 to 2½ feet tall, bearing loosely ruffled, creamy lemon-yellow, Carnation-flowered blossoms. Pkt., 15c; 1/8 oz., 40c.

**600A Real Gold.** The finest Carnation-Flowered offered today in this color, and a fitting replacement for Guinea Gold. Largest in its class, bearing 4- to 5-inch, light gold, loose-petaled flowers of fine doubleness. Plant 18 to 20 inches high, extremely uniform. Pkt., 15c; 1/8 oz., 50c.

**601 Lemon "All-Double."** Pkt., 15c; 1/8 oz., 50c.

**601A Orange "All-Double."** Pkt., 15c; 1/8 oz., 50c.

**602 Gigantea, Sunset Giants.** A remarkable new sweet scented, robust growing, extremely large-flowered type; ideal for show purposes, florists and garden decoration. Pkt., 15c; 1/8 oz., 50c.

**603 African Double Mixed.** All shades of the African type. Pkt., 15c; 1/4 oz., 35c; 1/2 oz., 60c; oz., \$1.00.

**604 Color Magic.** (French Dwarf Double.) This dwarf Marigold is a very attractive mixture of natural color variation comprised of gold through mahogany. Pkt., 15c; 1/8 oz., 50c.

Favorite annual plant, blooming the entire summer; easily cultivated. The African varieties bear large yellow or orange flowers and the plants are usually tall. The French type is of dwarf habit and flowers are striped. Hardy annual. 1 to 3 feet.

**596 Dwarf Gigantic** (Gypsy Jewels). Sweet scented flowers 4 to 4½ inches in diameter and 12- to 15-inch plants. A wide range of brilliant shades. Pkt., 15c; 1/8 oz., 50c.

**596A Burpee Gold.** Orange, odorless foliage. Pkt., 15c.

**597 Dwarf Double Butterball.** (Harmony Type.) Soft butter-yellow; crested centers tubular petals, each carrying a touch of maroon at the tip. Pkt., 15c; 1/8 oz., 50c.

**597A Lemon Drop.** Compact, canary-yellow. Pkt., 15c.

**598 Mission Giant Goldsmith.** Rich golden orange flowers 4 to 5 inches in diameter. Height 18 inches. Pkt., 15c; 1/8 oz., 50c.

**598A Man In The Moon.** (New.) Pale moon-yellow, the lightest of all Marigolds. Solid, round flower heads of broad, crisply ruffled petals. Vigorous plants with strong stems. 3- to 3½-inch flowers. Plant 3 feet tall. Pkt., 25c; 1/16 oz., 75c.

**604A Red Head.** (French Dwarf Single.) Mahogany to bronze 2-inch flowers crested gold; plants 14 to 16 inches. Pkt., 15c; 1/8 oz., 50c.

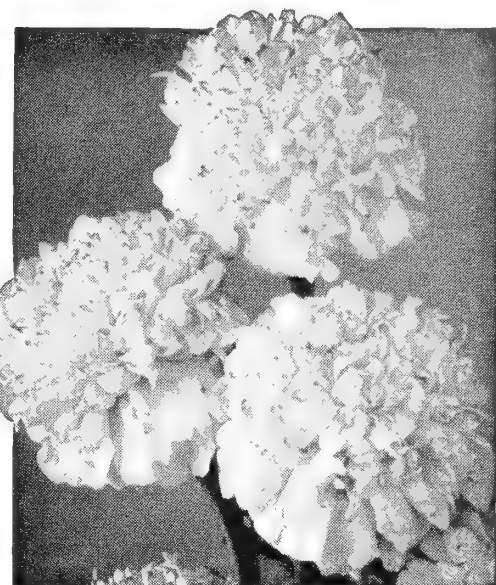
**604B Glitters.** (Chrysanthemum-Flowered.) Fluffy, 3-inch, incurved, canary-yellow flowers. Early flowering. Bushy, erect plants. Pkt., 15c; 1/8 oz., 65c.

**605 Harmony.** Double Dwarf French. Dwarf, compact plants, flowers golden yellow bordered maroon-red, scabious-shaped. Pkt., 15c; 1/8 oz., 35c.

**605A Naughty Marietta.** French dwarf single. Yellow, 2-inch flowers with mahogany base. 12 inches tall. Pkt., 15c; 1/8 oz., 50c.

**605B Mammoth Mum.** Flowers are light yellow, a very neat 3½- to 4-inch, full crested, Chrysanthemum-flowered type. These flowers are borne on extremely long stems, making Mammoth Mum the most desirable florist's cutting Marigold offered today. Plants reach 2½ to 3 feet, bearing the flowers erect and above the foliage. Pkt., 15c; 1/8 oz., 60c.

**606 French Dwarf Double, Royal Scot.** Uniformly dwarf, compact plants, fully double, rich mahogany-red and gold striped flowers. Pkt., 15c; 1/8 oz., 25c.



*Dwarf Double Butterball*

**607 French Double Mixed.** Shades of yellow and brown. 2 feet. Pkt., 15c; 1/8 oz., 25c.

**608 Lilliput Yellow Pygmy.** Very dwarf bright yellow. Pkt., 15c; 1/8 oz., 50c.

**608A Cupid.** (Extra Dwarf African Chrysanthemum-Flowered.) Cupid is the perfect pot or edging Marigold, bearing 2½- to 3-inch, lemon-yellow flowers in profusion on a compact, 8-inch plant. Pkt., 25c; 1/16 oz., 75c.

**608B Cupid.** Orange. Pkt., 25c; 1/16 oz., 75c.

**609 French Harmony Type, Spry.** Extra dwarf double. Yellow, bordered mahogany. Pkt., 15c; 1/8 oz., 30c.

**609A Sunkist.** French extra dwarf double. Bright golden orange. Pkt., 15c; 1/8 oz., 50c.

**609B Harmony Hybrids, Dwarf Double.** Wide and varied range of striking color combinations, 1¾-inch flowers with crested center and flanking guard petals; early. Pkt., 15c; 1/8 oz., 40c.

**609C Flash.** French dwarf single. Tangerine and marigold-red. Early. Flowers grow 1¾ inches and more across. The plant is 18 inches tall. Pkt., 15c; 1/8 oz., 40c.

**SCOTCH MARIGOLD.** See Tagetes, page 34.

## MATRICARIA *(Feverfew)*

**611 Capensis alba plenissima.** Double white, 24 inches. Very decorative in beds or borders, fine for cutting. Perennial, but may be treated as annuals. Pkt., 15c; 1/8 oz., 50c.

**612 Golden Ball.** Dwarf double. Compact bushes 10 inches high covered with tiny Chrysanthemum-like golden yellow flowers. Pkt., 15c; 1/8 oz., 60c.

## MIGNONETTE *(Reseda Odorata)*

A well known and popular hardy annual, prized for its delightful fragrance. Seeds sown in autumn will bloom in early spring, and when sown the last of July will come into flower in a few weeks and continue until frost.

**614 Bismarck.** Large red flowers, very fragrant. 1 foot. Pkt., 15c; 1/8 oz., 25c.

**615 Odorata grandiflora.** Improved, large-flowered, Sweet Mignonette. Pkt., 15c; 1/8 oz., 25c; 1/4 oz., 40c.

**618 Machet Rubin.** Coppery scarlet. Pkt., 15c.

**619 Machet Improved.** Large, thick spikes of reddish cast, of dwarf habit, dark foliage; best for pots. Pkt., 15c; 1/8 oz., 25c.

**620 Machet Goliath Red.** Large red spikes. Pkt., 15c; 1/8 oz., 25c.

**621 New York Market.** Long-stemmed reddish spikes. Pkt., 15c; 1/8 oz., 30c.

**625 Mixed Varieties.** The above and other varieties. Pkt., 15c; 1/8 oz., 25c; 1/4 oz., 40c.

**MORNING GLORY, DWARF.** See Convolvulus minor.

## MATTHIOLA BICORNIS

*(Night-Scented Stock)*  
**610.** A hardy annual with rosy lavender flowers, giving forth a delightful fragrance—especially toward evening. 1 foot. Pkt., 15c; 1/4 oz., 35c.

## MOONFLOWER *(Ipomea)*

**635 Grandiflora alba** (Ipomea noctiflora). Rapid growing variety reaching height of 30 feet. Large white flowers open in evening and on cloudy days. Pkt., 15c; 1/2 oz., 50c.

**635B Giant Pink Moonflower.** Color soft lilac pink. Vines are of rapid growth with large leaves. Blooms very profusely. Pkt., 15c; 1/2 oz., 50c.

**MUSK PLANT.** See Mimulus.

**MOURNING BRIDE.** See Scabiosa.

## MORNING GLORY *(Convolvulus Major)*

A well known vine of easiest culture. Hardy annual. 10 feet.

**636 Mixed Colors.** Pkt., 15c; 1/2 oz., 40c; oz., 75c.

**637 Imperialis Mixed Morning Glory.** Larger than the common type, the range of coloring much greater. 8 feet. Pkt., 15c; 1/2 oz., 40c; oz., 75c.

**638 Red, White and Blue Mixed.** Pkt., 15c.

**IPOMEA.** See page 28.

# Ross' Colorful Nasturtiums

No other annual plant combines in so great degree ease of culture, profusion of bloom and grace and beauty of flowers, as the Nasturtium.

## Semi-Dwarf Nasturtium

### Double Sweet Scented

708 **Gleam Hybrids.** The Hybrids are a collection of gorgeously colored large, well-formed flowers of dazzling beauty.

Pkt., 15c; oz., 35c.

709 **Scarlet Gleam.** The flowers are a fiery orange-scarlet. The individual blooms are of immense size, almost 3 inches across, much larger than any Nasturtium ever known.

Pkt., 15c; oz., 35c.

710 **Golden Gleam.** Large golden flowers average 2½ to 3 inches across. They are borne on erect, stiff stems 6 inches long. The flowers stand well above the foliage. Pkt., 15c; oz., 35c.

711 **Moon Gleam.** Light golden cream.

Pkt., 15c; oz., 35c.

712 **Orange Gleam.** Golden orange.

Pkt., 15c; oz., 35c.

714 **Salmon Gleam.** Golden salmon.

Pkt., 15c; oz., 35c.

## Tall Nasturtiums

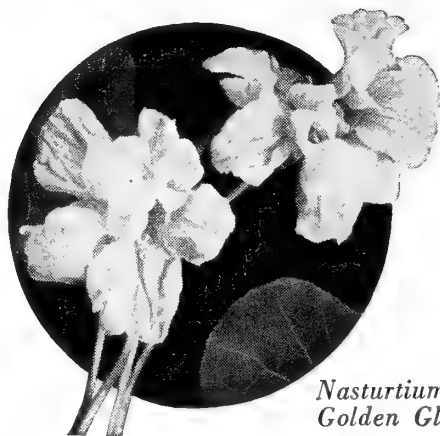
(*Tropaeolum majus*)

672 **Choice Mixed.** Many varieties; a wide range of colors.

Pkt., 15c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

673 **Special Mixture.** Including dark-leaved varieties.

Pkt., 15c; ½ oz., 20c; oz., 35c.



Nasturtium,  
Golden Gleam

## Worcester Tall Mixed

705 **Worcester Mixed Tall Nasturtiums.** Our own mixture of many varieties; comprises selections from all classes, including the New Variegated-Leaved or Queen, and choice mixtures from different growers.

Pkt., 15c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

## Dwarf Semi-Double Nasturtium

### (SWEET SCENTED)

716 **Golden Globe.** Golden yellow.

Pkt., 15c; oz., 35c.

718 **Mahogany Gem.** Deep mahogany.

Pkt., 15c; oz., 35c.

722 **Ruby Gem.** Bright ruby-red.

Pkt., 15c; oz., 35c.

726 **Scarlet Globe.** Scarlet.

Pkt., 15c; oz., 35c.

728 **Dwarf Semi-Double Gem Mixture.** Sweet scented. Dwarf, compact gem-like plants, excellent color range.

Pkt., 15c; oz., 35c.

## Dwarf, or Tom Thumb Nasturtium

The dwarf Nasturtium is not surpassed by any other annual plant for bedding, being of the easiest culture, thriving in nearly all soils and blooms profusely.

742 **Finest Mixed.** Dark leaved varieties.

Pkt., 15c; ½ oz., 20c; oz., 35c.

744 **Dwarf Double Art Shades.** All pastel.

Pkt., 15c; oz., 35c.

746 **Choice Mixed.** While not equal to the Worcester Mixed it is of wide range of colors and will give pleasing results.

Pkt., 15c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

## Worcester Mixed Dwarf Nasturtium

747. Like the Worcester Tall Mixed, this is of our own preparation and cannot be surpassed in diversity of colors and types; includes all the named varieties of classes here described and other choice mixtures of noted growers.

Pkt., 15c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

749 **Variegated Leaved or Queen of Tom Thumbs, Mixed.** Shades light primrose, deep scarlet, crimson and deep orange more or less veined or spotted with other colors.

Pkt., 15c; oz., 35c.

## PHLOX DRUMMONDI

Phlox is one of the easiest and most satisfactory of all the summer-flowering annuals, even in poor or stony soil. Sow seed early in spring in a sunny location.

830 **Mixed Colors.** Pkt., 15c; ⅛ oz., 60c.

831 **Large Flowering.** Extra choice. Mixed colors. Our own mixture of the choicest and best strains from different growers.

Pkt., 15c; ⅛ oz., 60c.

832 **Cecily Mixed.** Large flowered, extra dwarf mixed.

Pkt., 15c; ⅛ oz., 75c.

833 **Globe Mixed.** (New.) Uniform and free flowering, perfectly rounded plants with base branching habit. Full color range and showy for bedding.

Pkt., 15c.

841 **Dwarf Beauty Mixed.** Very compact, full color range. Double size flowers.

Pkt., 15c.

842 **Gigantea, Art Shades.** A giant-flowered strain in soft pastel shades with large white eye. 8 to 10 inches high.

Pkt., 15c; ⅛ oz., 75c.

842A **Gigantea, Salmon Glory.** Pure salmon-pink with creamy white eye.

Pkt., 15c; ⅛ oz., 75c.

843 **Star or Fringed** (*P. Drummondii cuspidata*). Mixed colors.

Pkt., 15c; ⅛ oz., 60c.



Phlox Drummondii

## POPPY

Well known hardy plants of quick growth, blooming profusely for a considerable time.

### SINGLE ANNUAL POPPIES

862 **Tulip Poppy** (*Glaucum*). Large, Tulip-shaped flowers, deep scarlet.

Pkt., 15c; ¼ oz., 25c.

870 **Shirley.** Single mixed. A lovely strain, delicate and rich shades.

Pkt., 15c; ¼ oz., 35c.

871 **Single Shirley, American Legion.** Brilliant scarlet, white maltese cross.

Pkt., 15c; ¼ oz., 35c.

### DOUBLE ANNUAL POPPIES

880 **Double Begonia-Flowered, Dazzler.** Orange-scarlet.

Pkt., 15c; ¼ oz., 35c.

884 **Double Shirley, Sweet Briar.** Deep rose-pink.

Pkt., 15c; ¼ oz., 35c.

885 **Shirley.** Double mixed.

Pkt., 15c; ¼ oz., 35c.

888 **Worcester Mixed.** Our own mixture of single and double annual varieties. All types and colors.

Pkt., 15c; ¼ oz., 35c; oz., \$1.00.

**CALIFORNIA POPPY.** See *Eschscholtzia*.

## PRIMULA

(*Primrose*)

### PRIMULA CHINENSIS

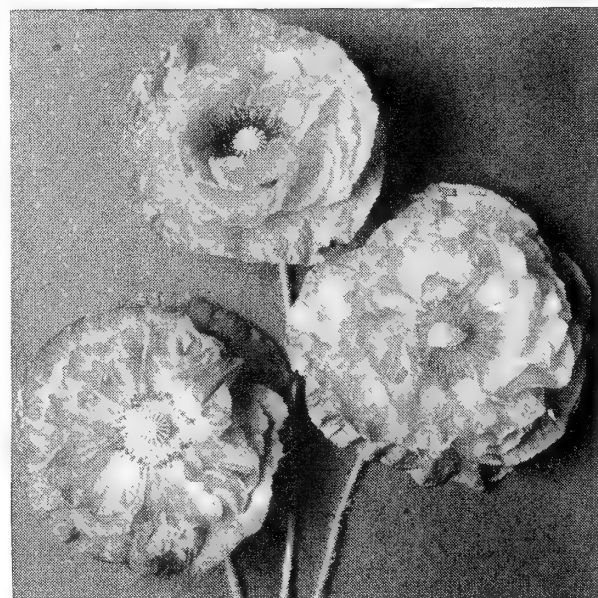
(*Chinese Primrose*)

A beautiful winter-blossom greenhouse perennial blooming from December to spring.

900 **Choice Mixed.** Comprises the finest fringed varieties.

Pkt. 25c.

902 **Giant Munstead.** Light shades. Pkt. 25c.



Poppy, Double Shirley

## PORTULACA

Well known tender annuals blooming profusely all summer. Thrive in most soils and locations, but succeed best in a light, sandy soil and sunny spot, enduring any amount of dry weather.

894 **Double Choice Mixed.** Usually from 50% to 60% of the flowers will come double.

Pkt., 15c; ⅛ oz., 75c; ¼ oz., \$1.25; ½ oz., \$2.25; oz., \$4.25.

895 **Single Jewel.** Deep carmine, extremely large.

Pkt., 15c; ⅛ oz., 75c.

899 **Single Mixed.**

Pkt., 15c; ⅛ oz., 60c; ¼ oz., \$1.00.



# PETUNIAS *Bloom All Summer*

## Single - Double - Fringed - Ruffled - Balcony



*Petunia, Balcony*

### Balcony Varieties

A fine large flowering, free blooming type, suitable for vases, window or porch boxes; also valuable for bedding.

- 826 **Deep Blue.** Dwarf type for porch or window boxes. Pkt., 15c; 1/16 oz., 50c.  
 827 **Rose.** Pkt., 15c; 1/16 oz., 50c.  
 828 **White.** Pkt., 15c; 1/16 oz., 50c.  
 829 **Star of California.** Deep velvety violet, shaded crimson, with white star. Pkt., 15c; 1/16 oz., 50c.  
 829A **Mixed Colors.** Pkt., 15c; 1/16 oz., 50c.

### Large Single Fringed

Strong, free flowering, 12- to 16-inch plants, some varieties spreading, others compact. Large ruffled and fringed flowers, excellent for florists, pot plants and general garden use.

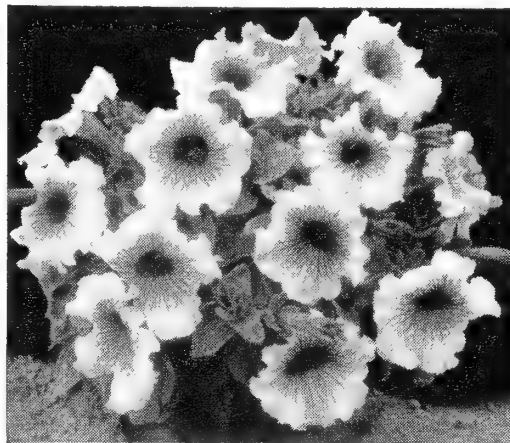
- 812A **Paleface.** New. Uniform dwarf compact plants bearing a profusion of glistening white flowers with ruffled edges. Pkt., 50c.  
 816A **Dainty Lady.** Delicate yellow, extremely appealing. Pkt., 25c.  
 820B **Fluffy Ruffles.** A mixture of light shades, veined and bicolor combinations. All flowers are finely fringed and so heavily ruffled that they appear double. Pkt., 25c; 1/16 oz., \$3.50.  
 819 **Setting Sun.** Dwarf rose, very free flowering. Pkt., 25c.  
 815A **Theodosia.** Large brilliant rose-pink flowers, gold throat. Pkt., 25c.  
 818A **White Beauty.** Makes a perfect mound covered with fringed white flowers. Pkt., 25c.  
 816B **Little Giants Mixed.** Ruffled Nana Compacta. Medium sized ruffled flowers, plants ball-shaped. 12 inches. Pkt., 25c.  
 818B **Fire Dance.** New. Rich salmon-scarlet, the flame-red color is enhanced by large flashlight yellow throats. The petals are delicately ruffled and fringed. Flowers are over 3 inches across and freely borne on foot high plants. Pkt., \$1.00.  
 819A **Carnival.** (Hyb. Gr.) A mixture of all Petunia colors and intershades, large flowers, some fringed. A strain outstanding for its even height and hybrid vigor, yet plants are dwarf and compact. Pkt., 25c.

We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.

### Hybrida nana Compacta

Dwarf, compact, free flowering, 12 to 16 inches. Plants bearing many medium size, plain edged, single flowers. Fine for beds or borders.

- 815 **Choice Mixed.** Dwarf, compact varieties. Pkt., 15c; 1/8 oz., 75c.  
 812 **Celestial Rose.** An ever popular dwarf. Deep rose. Pkt., 15c.  
 815B **English Violet.** A most pleasing shade of violet-blue. Pkt., 15c; 1/8 oz., 75c.  
 815C **Fire Chief.** All-America Gold Medal winner. Dwarf and compact, with long blooming season. Scarlet-red. Pkt., 25c; 1/16 oz., \$1.00.  
 823 **Lipstick.** Carmine-rose with just a suggestion of salmon. Lipstick should prove an excellent garden variety especially where some varieties are inclined to fade. Very true to color and habit. Pkt., 25c.



*Petunia, Nana Compacta*

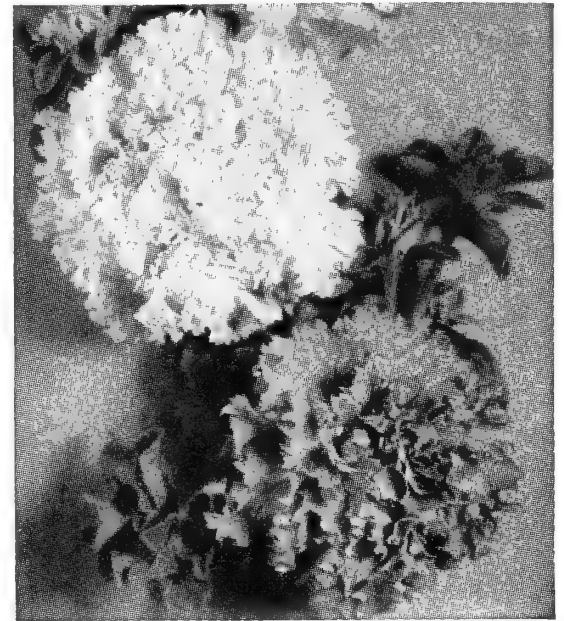
### Single, Large Flowered, Plain Edged

Free flowering, 12- to 16-inch plants. Some varieties spreading, others compact. Plain edged flowers of heavy substance and velvety texture.

- 811A **Blue Bee.** Excellent deep blue. Pkt., 15c; 1/8 oz., 75c.  
 820 **Dwarf Elk's Pride.** Largest and darkest velvety purple. Pkt., 25c; 1/16 oz., \$6.25.  
 829C **Pop Corn.** (New.) Large, pure white, plain edged flowers. Early blooming, exceedingly dwarf and compact. Ideal for pot work or bedding. 8 inches. Pkt., 50c.  
 813 **Radiance.** Cerise-rose. Pkt., 15c; 1/8 oz., 75c.  
 814A **Silver Blue.** Reselected rich light blue. Pkt., 15c; 1/8 oz., 75c.  
 814 **Finest Mixed.** A superior mixture. Pkt., 15c; 1/8 oz., 60c; 1/4 oz., \$1.00.



*Petunia, Giants of California*



*Petunia, All Double*

### Standard Single Hybrida

Free flowering, 12-24 inches, medium size, plain edge, single flowering. Very popular for garden use.

- 829B **Comanche.** Scarlet-red, the deepest red Petunia. Flowers grow 2 1/2 to 2 3/4 inches across. Plants one foot tall, of bushy habit and extremely profuse blooming. Pkt., 50c.  
 820A **Flaming Velvet.** Deep velvety blood-red, about 15 inches in height and the flowers are large and borne in great profusion. Pkt., 15c; 1/8 oz., 75c.  
 816 **Howard's Star.** Rich shade of maroon, with five-pointed star of white. Very pretty. Pkt., 15c; 1/8 oz., 75c.  
 817A **Rose of Heaven.** Brilliant rose; dwarf. Pkt., 15c; 1/8 oz., 75c.  
 818 **Rosy Morn.** Extra select. A single flower, soft carmine-pink. A profuse bloomer. Pkt., 15c; 1/8 oz., 75c; 1/4 oz., \$1.40.  
 820C **Snow Queen.** Large flowers, white. Pkt., 15c; 1/8 oz., 75c.  
 820D **Topaz Rose.** A fiery velvety rose slightly suffused with gold. The throat is the color of topaz. Pkt., 15c; 1/8 oz., 75c.  
 821 **Miniature Mixed.** Pkt., 15c; 1/16 oz., 50c.

### Double Flowering Mixtures

825 **Double, Large-Flowered, Choice Mixed.** An excellent mixture comprising a large variety of colors, with a good percentage of double flowers. Pkt., 50c.

### All Double Petunias

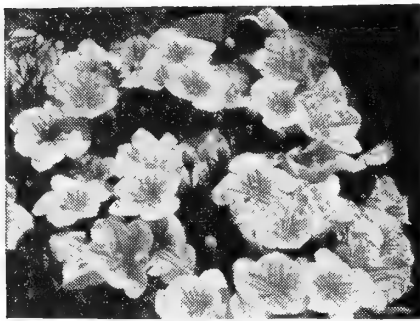
Acknowledged by countless testimonials to be 100 per cent double. Flowers frequently exceed 5 inches in diameter and are exquisitely ruffled and fringed in a vast range of brilliant intermediate colors.

- 822 **Victorious Dwarf Mixed.** Pkt., \$1.00.

### Petunias of Merit

- 824 **Dwarf Giants of California.** A superb strain. Flowers are of remarkable substance, enormous size and many are beautifully fringed. Pkt., 25c; 1/16 oz., \$6.25  
 817 **Fancy Blotched and Striped, Mixed Colors.** Beautifully marked flowers, carried well above the foliage, of extra dwarf, compact habit. Pkt., 15c; 1/8 oz., 75c.

# Ross' Favorite Salvia and Scabiosa



*Nierembergia*

## NEMESIA

Long blooming annual with large flowers, varying from creamy white to deep orange and carmine. Most useful for bedding. 1½ feet.

756 **Strumosa Suttoni.** Pkt., 15c; ⅛ oz., 50c.

## NEMOPHILA

(*Baby Blue Eyes*)

An attractive hardy annual, bearing cup-shaped flowers about an inch in diameter usually in shades of blue and white, often spotted with brown.

757 **Insignis Blue.** Pkt., 15c; ⅛ oz., 25c.

## NICANDRA

757B **Physaloides** (Shoo Fly Plant). Pale blue. Pkt., 15c.

## NICOTIANA

(*Flowering Tobacco*)

Handsome, effective, half-hardy annuals, blooming profusely the entire season and thriving in all soils.

758 **Affinis.** White, star-like flowers, deliciously fragrant, expand fully in the evening. 2 to 3 feet. Pkt., 15c; ⅛ oz., 30c.

759 **Daylight Sensation Mixture.** Rich colors. Open all day. Pkt., 15c; ¼ oz., 75c.

760 **Sanderæ Hybrids.** New hybrids, comprising several distinct colors or shades. Pkt., 15c; ⅛ oz., 30c.

## NIEREMBERGIA

(*Dwarf Cup Flower*)

760B **Hippomanica.** Lavender-blue flowers on dwarf, compact plants, 4 to 6 inches high with a spread of 8 to 10 inches. Half-hardy perennial which will winter over if given some protection. Pkt., 25c.

## NIGELLA

(*Love-in-a-Mist*;

*Lady-in-Green*; *Devil-in-a-Bush*)

The blue or white flowers are half hidden in the abundant, finely cut foliage, hence its common names. 1 to 1½ feet.

761 **Double Mixed.** Pkt., 15c; ¼ oz., 40c.

## RHODANTHE

One of the finest everlasting flowers and an excellent plant for garden decoration. If flowers are gathered before they are fully expanded and dried in the shade they will retain their color for years.

920 **Mixed Colors.** All shades of pink, rose, crimson and white. Pkt., 15c.

## RUDBECKIA

(*Coneflower*)

To this family belong the favorite plants Golden Glow and Black-Eyed Susan.

923 **Hirta Hybrids.** Dark bronze to yellow. Pkt., 15c.

924 **My Joy.** Giant Black-Eyed Susan. Large orange-yellow flowers, dark cone.

Pkt., 15c; ⅛ oz., 40c.

## SANVITALIA

940. Double; fine for bedding, borders or rockeries. The flowers are bright yellow.

Pkt., 15c; ⅛ oz., 40c.

## SALVIA

(*Scarlet Sage*)

A mass of bloom from late summer until killed by frost; tender perennial, treated as an annual. Seed should be sown early indoors, or in hotbed and the plants set out when the weather has become warm.

933 **Firebrand.** (Early Harbinger.) Between Blaze of Fire and America in earliness of flowering, bluish green foliage. 18 inches high.

Pkt., 15c.

934 **America** (Globe of Fire). Succeeds Firebrand in flowering. Medium late type. 16 inches.

Pkt., 15c; ⅛ oz., \$1.00.

935 **Splendens grandiflora.** The well known Scarlet Sage. 2 feet. Pkt., 15c; ⅛ oz., 75c.

936 **Bonfire** (Clara Bedman). Compact, bushy growth. Blooms earlier and more profusely. Intense scarlet. 2 feet. Pkt., 15c; ⅛ oz., \$1.00.

937 **Farinacea, Blue Bedder.** Compact, deep blue. 3 feet. Pkt., 15c; ⅛ oz., 90c.

938 **Zurich.** Dwarf, compact, brilliant scarlet flowers blooming in July. 12 inches.

Pkt., 15c; ⅛ oz., \$1.00.

## SALPIGLOSSIS

(*Velvet Flower*; *Painted Tongue*)

Graceful, half-hardy annual, blooming from August to October. Seed may be sown in the house the last of March or in the open ground in May. 2 feet.

928 **Grandiflora.** Choicest mixed. Extra large flowered strain. Pkt., 15c; ⅛ oz., 35c.

929 **Emperor.** Mixed colors. New type with one thick leading stem; flowers large and distinct in their beautiful veinings of gold.

Pkt., 15c; ⅛ oz., 35c.

## SCABIOSA

(*Mourning Bride*)

The flowers are large and double, with a great variety of colors. Of easy culture and blooms freely from July until hard frost. Hardy annual. 2½ feet.

941 **Imperial Giants, Blue Moon.** Extremely large, well formed flowers with fully double, broad, frilly petals, rounded beehive shape.

Pkt., 15c; ¼ oz., 50c.

941A **Heavenly Blue.** About 18 inches tall, free flowering, with fully double 1½-inch flowers. Very early, azure-blue, distinct. Pkt., 15c.

942 **King of the Blacks.** Large flowered, tall, double, reddish black. Pkt., 15c; ¼ oz., 50c.

943 **Rosette.** Large flowered, tall, double. Deep rose, heavily suffused with salmon.

Pkt., 15c; ¼ oz., 50c.

944 **Shasta.** Large flowered, tall, double. Pure white, very large. Pkt., 15c; ¼ oz., 50c.

945 **Large Flowered.** Mixed colors. Fine, large, double flowers in a wide range of colors. Pkt., 15c; ¼ oz., 50c.

**SCARLET RUNNER.** See Beans—Ornamental Varieties.

## SCHIZANTHUS

(*Butterfly, or Fringe Flower*)

Showy, half-hardy annuals, very decorative for garden beds and unsurpassed in pots for the conservatory.

948 **Grandiflorus Hybrids.** Very fine varieties. Pkt., 15c; ⅛ oz., 75c.

949 **Wisetonensis.** Containing the most beautiful shades of white, pink, rose and crimson. Excellent for pot culture. Pkt., 15c; ⅛ oz., 60c.

## SENSITIVE PLANT

(*Mimosa Pudica*)

950 **Pudica.** Globular heads of small pink flowers. Tender annual. 1½ feet. Pkt., 15c.

**SNAPDRAGON.** See Antirrhinum.

## SMILAX

955. A climbing plant, unsurpassed for its graceful foliage and orange blossom fragrance of its flowers. Pkt., 15c; ⅛ oz., 60c.

## STATICE

Beautiful everlasting with spreading panicles of tube-like flowers that are decorative either in the garden or when cut.

956 **Suworowi Pink.** Pkt., 15c; ⅛ oz., 40c.

956A **Sinuata Blue.** Pkt., 15c; ¼ oz., 40c.

956B **Sinuata Yellow (Bonduelli).** Pkt., 15c; ¼ oz., 40c.

956C **Sinuata White.** Pkt., 15c; ¼ oz., 40c.

956D **Sinuata, Choice Mixed.** Pkt., 15c; ¼ oz., 35c.

## SWEET WILLIAM

1310 **Annual Finest Mixed.**

Pkt., 15c; ⅛ oz., 40c.

## STOCK

(*Gilliflower*)

One of the most popular annuals, remarkable for its profusion of bloom, brilliancy and diversity of colors and lasting quality of its flowers.

957 **Beauty of Nice.** Mammoth flowering. Delicate flesh-pink, extra large spike. Pkt., 15c; ⅛ oz., 50c.

958 **Mont Blanc.** Purest white. Pkt., 15c; 1/16 oz., 35c.

959 **Monte Carlo.** Canary-yellow. Pkt., 15c; 1/16 oz., 35c.

961 **Summer Night.** Rich deep blue. Pkt., 15c; 1/16 oz., 35c.

## Perpetual Branching (Giant Perfection)

(*Cut-and-Come-Again*)

A perpetual blooming class of branching habit; double, fragrant flowers. 2 feet.

967 **Choicest Mixed.** Pkt., 15c; 1/16 oz., 35c; ⅛ oz., 60c.

971 **Large Flowered Double Ten Weeks Mixed.** Seeds grown in the open ground instead of in pots, therefore cheaper. A good range of colors. 1½ feet.

Pkt., 15c; ⅛ oz., 35c; ¼ oz., 60c.

972 **Double Early Giant Imperial Mixed.** (Imp. Bismarck.) Pkt., 15c; ⅛ oz., 50c.

## DOUBLE GIANT COLUMN

Immense, fully double, close-spaced flowers, one 2-foot to 2½-foot spike per plant. This is a strictly non-branching strain.

972A **Mixed Colors.** Pkt., 25c.



*Salpiglossis*



*Scabiosa*



# Exquisite Sweet Peas of Unequaled Beauty and Fragrance

## LEADING SPENCER VARIETIES

All uniform price except where noted.  
Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.  
Postpaid

### Multi-Color Shades

**Station Master.** Salmon-pink, flushed rosy cerise.

**Sunkist.** Cream with picotee edge of rose.

**Youth.** White, edged rose-pink.

### Blue Shades

**The Admiral.** Dark violet-blue.

**Capri.** Clear silver-blue, long stems, vigorous grower.

**Flagship.** Deep navy-blue.

### Cream and Rose Shades

**Ruffled Primrose.**

**Mary Pickford.** Dainty cream-pink-salmon.

**What Joy.** Deep rich cream.

### Salmon and Orange Shades

**Patricia Unwin.** Salmon-pink suffused gold.

**Prince of Orange.** Deep rich orange.

**Gold Crest.** Orange, overlaid with a salmon sheen.

### Crimson-Scarlet Shades

**Crimson King.** Rich, deep crimson.

**Mollie.** Cerise, with touch of orange.

**Red Boy.** Pure rich crimson, long stems, vigorous.

**Rubicund.** Dazzling crimson-scarlet, extra long stems.

**Ruffled Crimson.** Rich velvety crimson.

### Lavender and Purple Shades

**Ambition.** Rosy lavender, extra long stems.

**Austin Frederick Improved.** A large, rosy lavender.

**Highlander.** Large flowered clear lavender.

**Royal Purple.** A rich purple.

### Maroon and Chocolate Shades

**Loch Lomond.** Mahogany.

**Black Diamond.** Dark maroon.

### Pink Shades

**Bonnie Briar.** Large, rose-pink.

**Fluffy Ruffles.** Light cream-pink.

**Miss California.** Salmon-pink.

**Pinkie.** Large, rose-pink.

**Floradale.** Rich salmon-pink on cream ground.

**Melody.** Golden salmon-pink on cream ground.

### White Shades

**Gigantic.** Large pure white. Long-stemmed.

**Bridal Veil.** Pure white, black-seeded.

**King White.** Large pure white. White-seeded.

**Ruffled White.** Pure white. White-seeded; long stems.

**Snow White.** A solid paper-white throwing immense flowers.

### SPENCER VARIETIES

The varieties consist of Giant and Orchid-Flowered, both Spencer Unwin type and many other unnamed Spencers.

No. 1295. **Best mixed.**  
Pkt., 15c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50.

Containing the new Orchid-Flowering and Eckford's Large-Flowering Hybrids in great variety with other older types of known popularity.

No. 1296. **Choice mixed.**  
Pkt., 15c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

### Spring Flowering Cuthbertson Sweet Peas

A new type of Sweet Peas characterized by its excellent heat resistance. Comes into bloom midway between Early and Late Spencers, and continues much longer, even in hot weather. Flowers are plainer than the Spencer type, but large and with good stems.

**Frank G.** Clear lavender.

**Evelyn.** Salmon-cream-pink.

**Janet.** White, black-seeded.

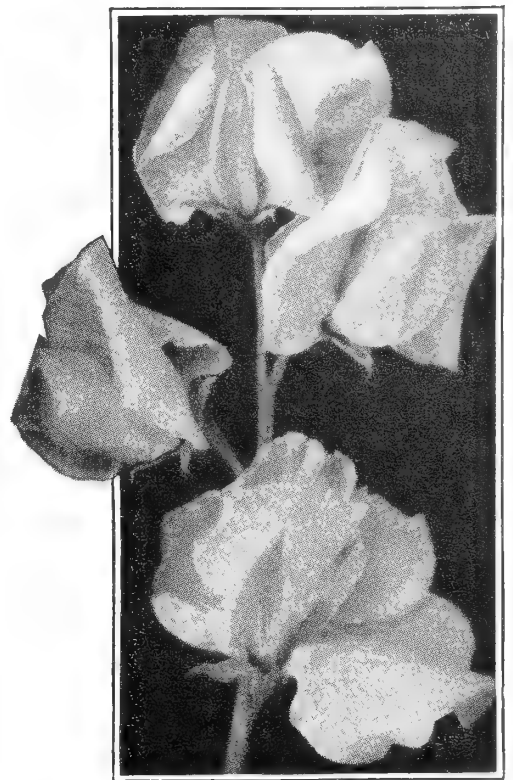
**Kenneth.** Crimson.

**Lois.** Clear rose-pink.

**Tommy.** Clear marine-blue.

**Finest Mixed.**

Each of above: Pkt., 15c; ½ oz., 30c; oz., 50c.



*Sweet Pea, Spencer*

## EARLY FLOWERING SWEET PEAS

**American Beauty.** Rich crimson-rose on white ground. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Ball's Orange.** Rich orange. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Ball's Rose Imp.** Rich deep rose, suffused with salmon-pink. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Boy Blue.** Large dark blue. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Bridesmaid.** Deep silvery pink on white ground. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Coquette.** Coral-pink shaded amber and salmon. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Giant Rose.** Extremely large rose-pink. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Gingham.** Rich deep rose, suffused on a white background. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Harmony.** Beautiful clear lavender. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Kate Smith.** Scarlet suffused rose, long-stemmed large flowers. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Jeanne Mamitsch.** Bright rich pink. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Laddie Imp.** Giant rose-pink, long stems. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Memory.** Clear rosy lavender, large, wavy flowers. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Mrs. Herbert Hoover.** Clear deep blue. "California Blue." Pkt., 15c; ½ oz., 35c; oz., 60c.

**Shirley Temple.** Large, soft pink, frilled. Long stems. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Snow Queen.** (New.) Pure white, black-seeded. Opens and retains pure white color. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Snowstorm Imp.** Large pure white; white-seeded. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Vulcan.** The most vivid scarlet. Sunproof. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Mixed Colors.** Pkt., 15c; ½ oz., 30c; oz., 50c.



### Sweet Pea "Little Sweetheart Mixture"

"Little Sweethearts" are an entirely new class of Sweet Pea. Each plant makes a perfect mound of flowers just under 8 inches in height and width. Flowers are the ruffled Spencer type and colors range from cream to deep crimson. Flower early and continue in bloom for a long period. This novelty has been bred especially for the home garden.

Pkt., 25c.

## SUNFLOWER *(Helianthus)*

The Sunflower grows well in all soils if fully exposed to the sun. The taller varieties make excellent background to other plants.

**975 Cucumerifolius.** (Miniature Sunflower.) Small, single flower, rich yellow. 4 feet.

Pkt., 15c; ½ oz., 40c.

**976 Sun Gold.** (Globe-shaped.) Flower large, double, of a brilliant golden yellow.

Pkt., 15c; ½ oz., 40c.

**977 Tall Red Sunflower.** The new Red Sunflower is easily grown from seed the same as all of the Helianthus family. Pkt., 15c; ½ oz., 40c.

**980 Excelsior Hybrids.** Bronze, brown and red shades, zoned. 5 feet. Pkt., 15c; ¼ oz., 25c.

**984 Double Chrysanthemum-Flowered.** Flowers larger than the preceding; full and double. Orange-yellow. 5 feet. Pkt., 15c; ½ oz., 40c.

**986 Russian Mammoth.** Very large. 7 to 9 feet. Pkt., 15c.

## TAGETES *(Scotch Marigold)*

**1312 Signata Pumila, Little Giant.** 6 to 8 inches. A bright yellow color.

Pkt., 15c; ⅛ oz., 25c; ¼ oz., 40c.

## THUNBERGIA

**1315 Mixed.** An annual vine, growing about 4 feet high, bearing medium-sized flowers, white, buff or orange, with dark eye. Largely used in hanging baskets or window boxes.

Pkt., 15c; ¼ oz., 50c.

## TITHONIA *(Torch Flower)*

**1316 Torch.** A quick growing summer annual that thrives on hot weather. Brilliant orange-scarlet flowers on a compact plant waist high. Early. August until frost. Pkt., 25c; ⅛ oz., 80c.

## VERBENA

Favorite annuals, thriving in nearly all soils. Useful for beds, borders, carpeting ground and vases.

**1319 Mammoth Blue Shades.**

Pkt., 15c; ⅛ oz., 40c.

**1321 Mammoth Mixed Colors.** Best large flowering sorts of many colors.

Pkt., 15c; ⅛ oz., 40c; ¼ oz., 75c.

**1322 Scarlet Defiance.** Large trusses of deep, rich scarlet.

Pkt., 15c; ⅛ oz., 40c.

**1323 Mammoth White.** Truss and flowers large, fragrant.

Pkt., 15c; ⅛ oz., 40c.

**1324 Dwarf Upright Rainbow Strain.** A lively blend of colors including apricot, lavender and mauve. Many colors have a large eye of a beautiful contrasting color.

Pkt., 25c.

**1325 Mammoth Mayflower.** Pink.

Pkt., 15c; ⅛ oz., 40c.

**1326 Crimson Glow.** Rich glowing crimson. The plants are semi-compact in habit with foliage of small type.

Pkt., 15c.

**1327 Fireball** (Nana compacta). A dwarf, compact Verbena, growing about 6 inches high and covered with bright scarlet blooms.

Pkt., 15c.

### 1328 HYBRID COMPACTA TYPE (Edging Verbena)

They are excellent for the annual rock garden in a sunny position, for borders or edgings, or for window boxes or pots. Mixed colors.

Pkt., 15c; ⅛ oz., 50c.

**1329 Sparkle.** Dwarf, compact red, white eye.

Pkt., 20c.

## TORENIA *(Wishbone Flower)*

Rich combination of deep blue with violet blotch on lip.

**1316A Fournieri.** Compact blue.

Pkt., 15c; 1/16 oz., 90c.

**1316B Fournieri.** Compact white.

Pkt., 15c; 1/16 oz., 90c.

## OF SPECIAL INTEREST TO THE KIDDIES

**1386 Wild Flower Garden Mixture.** A mixture of many free-blooming annuals which, once sown, require little care.

Pkt., 15c; ½ oz., 30c; oz., 50c.

**1387 Old-Fashioned Flower Garden Mixture.** (Annual.) This is a mixture of old standard varieties of flower seeds which will give a supply of flowers for cutting throughout the entire season.

Pkt., 15c; ½ oz., 30c; oz., 50c.

## VINCA ROSEA

**1332 Choice Mixed.** (Periwinkle.) 12 in. high.

Pkt., 15c; ⅛ oz., 35c; ¼ oz., 60c.

## WALLFLOWER

Fine bedding plant, but more often grown as a pot plant. Shades of yellow, brown and reddish brown.

**1340 Single.** Mixed colors.

Pkt., 15c.

**1341 Double Branching.** Mixed colors.

Pkt., 15c; ⅛ oz., 40c.

**1342 Paris Extra Early.** A new single-flowered strain, blooming throughout the season, from spring-sown seed. Colors light brown, brownish red, yellow, and creamy white. Mixed.

Pkt., 15c; ⅛ oz., 40c.

# Ross' Fine ZINNIAS

## Zinnia, New Giant Dahlia-Flowered

The plants are of medium height, 2½ to 3 feet tall, very robust, bearing many strong stems of the fully double, huge flowers which resemble the show type of Dahlia.

**1367 Will Rogers.** Brilliant scarlet-red.

**1368 Crimson Monarch.** Deep crimson.

**1370 Dream.** Deep rosy lavender.

**1372 Exquisite.** Color light rose, center a deep rose (Tyrian rose).

**1374 Oriole.** Immense orange and gold bi-color, changing slightly as it ages.

**1376 Canary Bird.** Rich canary-yellow.

**1378 Polar Bear.** Large, pure white, the best in Zinnias.

**1379 Royal Purple.** Rich purple.

Each of the above:

Pkt., 15c; ⅛ oz., 40c; ¼ oz., 75c.

**1380 Special Mixture Gold Medal Strain.** A well blended mixture containing all the above novelties.

Pkt., 15c; ⅛ oz., 35c; ¼ oz., 60c.

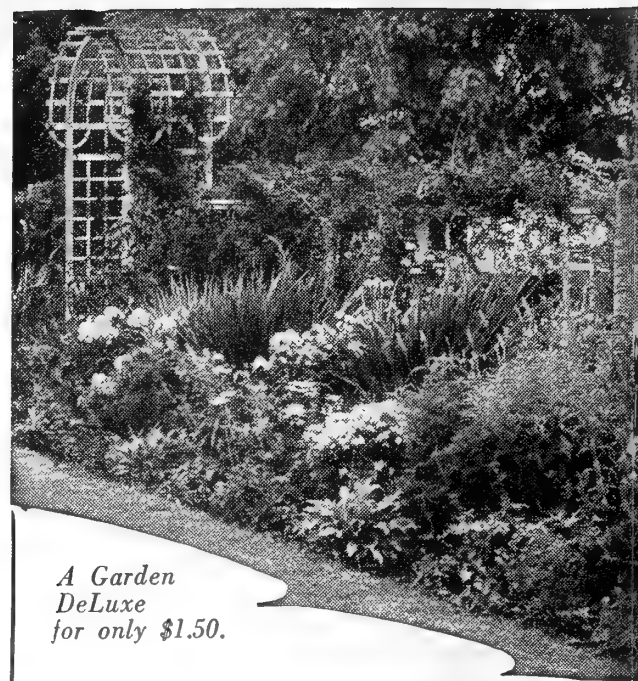
**1381 Gaillardia-Flowered.** Finest mixed. (Navajo.) Flowers resemble a Picta Double Gaillardia in both form and colorings.

Pkt., 15c; ⅛ oz., 30c.

**1382 Lilliput Tom Thumb Mixed.** Plants 4 to 6 inches, compact, covered with well formed flowers of the Lilliput type.

Pkt., 15c; ⅛ oz., 35c.

Continued on next page.



*A Garden  
DeLuxe  
for only \$1.50.*

## WORCESTER COLLECTION

**Annual Chrysanthemum.** Mixed colors.

**Asters.** Worcester mixed.

**Balsam.** Choice mixed.

**Calendula.** Choice mixed.

**Carnation.** Double fine mixed.

**Cosmos.** Large early flowering mixed.

**Helichrysum.** Mixed colors.

**Nasturtium.** Dwarf mixed.

**Pansy.** Worcester mixed.

**Phlox.** Finest mixed.

**Portulaca.** Single mixed.

**Salpiglossis.** Mixed colors.

**Scabiosa.** Mixed.

**Sweet Alyssum.** Little Dorrit.

**Verbena.** Mixed colors.

**15 Packets of Lovely Annuals  
Anyone Can Grow for Only**

**\$1.50**

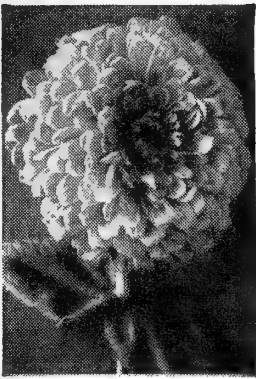
**Postpaid**



*Zinnia, Dahlia-Flowered*



# ZINNIAS - The Practical Flower for Every Garden in a Wide Range of Different Varieties



*Zinnia, California  
Giants*



*Zinnia, Fantasy*

## Giant Cactus-Flowered

**1349 Burpee Hybrids.** Varied mixture of Cactus or Chrysanthemum-flowered type with gorgeous range of colors and color combinations.

Pkt., 15c; 1/8 oz., 75c.

**1349A Blaze.** Brilliant mandarin-red flowers, as the flowers attain size they change to an exciting fiery orange-scarlet.

Pkt., 25c; 1/16 oz., 60c.

**1349B Ice Cream.** (New.) The first truly pure cream Zinnia. Huge 5-inch formal cactus-like blooms. Cream can be combined beautifully with all the other flower colors.

Pkt., 25c.

## California Giant or Mammoth Zinnia

The plants grow from 2½ to 3 feet high and are covered with myriads of densely double flowers, from 4 to 6 inches in diameter.

**1351 Mammoth Crimson Queen.**

**1352 Mammoth Purity White.**

**1353 Mammoth Scarlet Queen**

**1354 Mammoth Golden Queen.**

**1355 Mammoth Orange King.** Orange-scarlet.

**1356 Mammoth Violet Queen.** Deep purple.  
Each, pkt., 15c; 1/8 oz., 30c; 1/4 oz., 50c.

**1358 Mammoth Mixed Colors.**  
Pkt., 15c; 1/4 oz., 50c; oz., \$1.50.

## Early Wonder

Earliest of all Zinnias. Fine for short season locations. Plant 18 inches to 24 inches tall, basal branching, producing 3- to 4-inch flowers on long, wiry stems which have no laterals and practically no leaves. Bred for cut flower use.

**1359 Finest Mixed.** Full range of colors.  
Pkt., 15c; 1/8 oz., 30c.

## Cupid Zinnias

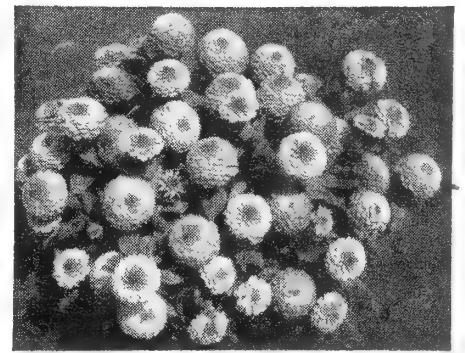
Dwarf, compact little plants bearing quantities of button flowers smaller than Lilliput type. For edgings and pots.

**1350 Cupid, Finest Mixed.**

Pkt., 15c; 1/4 oz., 50c.

**1350A Linearis.** Dwarf early flowering. Single flowers deep golden orange, with delicate light yellow stripe contrasting boldly with the dark center; plants 8 to 10 inches high, spread of as much as 2 feet.

Pkt., 15c; 1/8 oz., 40c.



*Zinnia, Cupid*

## Peppermint Stick

Peppermint Stick Zinnia is a development of Striped Zinnias reselected for a wider color range including red and white, red and yellow, pink and white, orange and yellow, and purple and white, medium sized Pumila type flowers. One of the best Cut-and-Come-Again Zinnias. An early strain, produces approximately 70% striped flowers.

**1359A Finest Mixed.** Pkt., 15c; 1/8 oz., 50c.

## Pumila, Dwarf Double

(Cut-and-Come-Again)

Bushy plants about 1½ feet tall. Flowers average about 2½ inches across, well rounded, freely produced on long stems. Ideal for cutting.

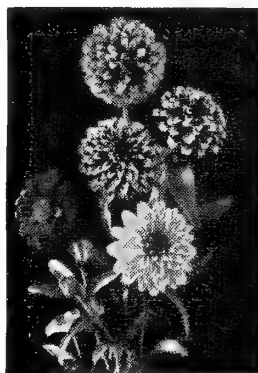
**1360 Finest Mixed.** Pkt., 15c; 1/4 oz., 50c.

## Haageana, Double

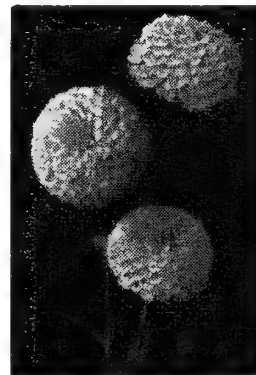
(Mexican Zinnias)

Small, double flowers are varied and variegated in a wide range of color combinations.

**1361 Finest Mixed.** Pkt., 15c; 1/8 oz., 35c.



*Zinnia, Haageana*



*Zinnia, Lilliput*

## Lilliput

(Pompon or Baby Zinnias)

The Lilliputs are fast supplanting all other types of Zinnias for cut-flower use. Flowers are small, compact, symmetrical, on strong stems.

**1362 Pastel Mixture.** Pkt., 15c; 1/4 oz., 50c.

**1363 Finest Mixed.** Pkt., 15c; 1/4 oz., 50c.

## Fantasy Type

**1364 Finest Mixed.** Double rounded flowers composed of a mass of shaggy ray-like petals. The color range includes the brightest shades of red and orange, as well as the popular pastel pinks and cream.

Pkt., 15c; 1/4 oz., 50c.

## Harmony Type

(SCABIOUS FLOWERED)

**1365 Finest Mixed.** Plants 2 to 2½ feet, bearing numerous medium sized flowers resembling the annual Scabiosa.

Pkt., 15c; 1/4 oz., 50c.

## Mexican or Miniature

**1365A Persian Carpet.** (New.) Fully double, ball-shaped flowers of the miniature type in a sparkling range of variegated color combinations with many rich shades as well as gold, bronze and orange. Flowers with cutting stems borne on low, mound-shaped, border and edging plant.

Pkt., 25c; 1/8 oz., 75c.

## Super Crown O' Gold

**1366 Pastel Tints.** Flowers are large and showy, 5 to 5½ inches in diameter. Strictly a mixture of pastel tints. The plants are strong and robust, growing about 3 feet tall.

Pkt., 15c; 1/8 oz., 30c.

## Collection of ASTERS

American Branching  
Wilt Resistant

6 Pkts., 60c.

Regular Price, 90c.

One pkt. each: White, Pink, Azure-Blue, Scarlet, Purple, and Mixed Colors.

## Collection of PETUNIAS

6 Pkts., 60c.

Regular Price, 90c.

One pkt. each: Rosy Morn, English Violet, Radiance, Flaming Velvet, Snow Queen, and Mixed Colors.

## Collection of SWEET PEAS

Summer Flowering

6 Pkts., 60c.

Regular Price, 90c.

One pkt. each: Crimson King, Pinkie, Highlander, King White, Gold Crest, and Mixed Colors.

## Collection of MAMMOTH ZINNIAS

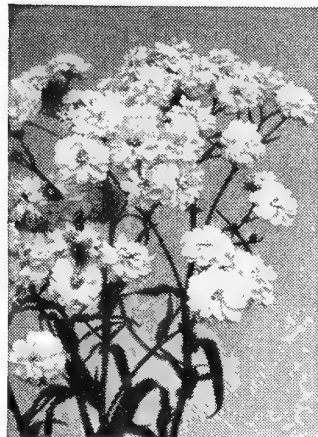
6 Pkts., 60c.

Regular Price, 90c.

One pkt. each: Crimson Queen, Purity White, Scarlet Queen, Golden Queen, Violet Queen, and Mixed Colors.

# ROSS' HARDY PERENNIAL SEEDS

Once Planted They Will Grow More Abundant in Flower  
and Multiply in Size Year After Year



*Achillea*

## ACHILLEA

135 **Ptarmica** (The Pearl). Bears clusters of pure white flowers abundantly all summer; fine for cutting; also for cemetery planting. 12 to 18 inches. Pkt., 15c; 1/16 oz., 60c.

## ACONITUM

136 **Napellus** (Monkshood). Large, porcelain-blue, hood-shaped flowers; very effective in borders; valuable for cutting. 1 1/2 feet high. Pkt., 15c.

## ADLUMIA

140 **Cirrhus** (Mountain Fringe; Allegheny Vine). A beautiful, hardy, climbing biennial. The feathery foliage resembles that of the Maidenhair Fern. Rapid growth. Small, tube-shaped pink blossoms. Desirable for covering trellises, stumps, etc. 10 to 15 feet. Pkt., 15c.

## ADONIS

146 **Vernalis**. Bright yellow. Pkt., 15c.

## AGROSTEMMA

Pretty, free-blooming plants of easy culture, especially desirable for dry situations. Excellent for cutting.

161 **Coronaria** (Rose Champion). Red. One of the earliest hardy perennials. 1 1/2 feet. Pkt., 15c; 1/4 oz., 40c.

## ALYSSUM

(Gold Dust)

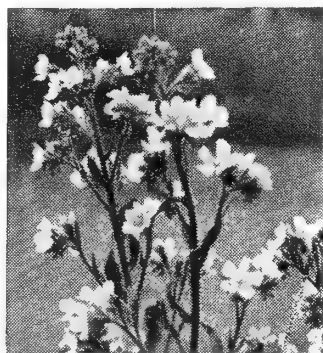
170 **Saxatile compactum**. Hardy, compact growth, producing a mass of golden yellow flowers in April. Height 1 foot. Of easy culture. Excellent for rockeries and borders. Pkt., 15c; 1/8 oz., 50c.

## AMPELOPSIS

182 **Veitchi** (Boston Ivy). Pkt., 15c; 1/2 oz., 40c.

## ANCHUSA

186 **Dropmore Variety**. This variety yields an abundance of brilliant blue flowers. 4 feet. June and July. Pkt., 15c; 1/4 oz., 50c.



*Anchusa*

## ANEMONE

A very popular, hardy garden perennial.

188 **Coronaria, French** (De Caen). Fine mixed. 1 foot. Pkt., 15c; 1/16 oz., 75c.

189 **Coronaria, St. Brigid**. An improved strain, bearing larger and more brilliant flowers and remaining in bloom longer. 1 foot. Pkt., 15c; 1/16 oz., 85c.

## ANTHEMIS

(Hardy Golden Marguerite)

A beautiful, hardy perennial; golden yellow, Daisy-like flowers, excellent for cutting. Height 2 feet.

190 **Kelwayi**. Pkt., 15c; 1/8 oz., 35c; 1/4 oz., 60c.

## AQUILEGIA

(Columbine)

Beautiful free flowering hardy perennials, blooming throughout the spring and early summer. Of easy cultivation and will thrive in partial shade. 1 to 3 feet.

200 **Single Mixed**. Pkt., 15c; 1/8 oz., 40c.

202 **Double Mixed**. Pkt., 15c; 1/8 oz., 40c.

204 **Coerulea hybrida fl.-pl.** Long-spurred, flowering hybrids in fine colors. Pkt., 15c; 1/8 oz., 75c.

205 **Crimson Star**. Bright crimson-white corolla. Long-spurred. Pkt., 25c.

## ARABIS

(Rock Cress)

208 **Alpina rosea**. Rose; very dwarf. Pkt., 15c; 1/16 oz., 60c.

209 **Alpina, White**. Pkt., 15c; 1/8 oz., 60c.

209A **Pumila, Snow Cap**. Compact, free flowering. Pkt., 15c; 1/16 oz., 60c.

## ARISTOLOCHIA

215 **Elegans** (Dutchman's Pipe). A hardy perennial vine of rapid growth with large, glossy, heart-shaped leaves, bearing curious yellowish brown blossoms, somewhat resembling a pipe. 15 to 20 feet. Cannot supply.

## ARMERIA

215A **Formosa Hybrids** (Giant Thrift). 2 feet. Pkt., 15c; 1/16 oz., 60c.

## AUBRIETIA

(Rainbow Rock Cress)

220 **Large Flowered Hybrids**. Dwarf, free flowering plants with masses of blue and rose shade flowers in early spring. 6 to 8 inches. Pkt., 15c; 1/8 oz., 75c.

## BELLIS PERENNIS

(Double English Daisy)

A perennial plant bearing, in early spring, small, double white or rose colored flowers. It is generally classed as hardy, but really needs a slight protection through the winter. 4 inches.

246 **Longfellow**. Dark rose. Pkt., 15c.

247A **Red Quilled**. Pkt., 15c.

247 **Snowball**. Pure white. Pkt., 15c.

248 **Monstrosa Double Mixed**. Each plant produces 12 to 15 flowers that measure 2 to 3 inches across, carried on long, strong stems. Pkt., 15c; 1/16 oz., 50c.

248A **Super Giant Rose**. Deep rose. Pkt., 15c.

248B **Super Giant Red**. Cerise-red. Pkt., 15c.

248C **Super Giant White**. Pure white. Pkt., 15c.

## CANTERBURY BELLS

(Campanula Medium)

Showy, hardy biennials about 3 feet high, covered with large, bell-shaped flowers. The Calycanthema (Cup-and-Saucer) class is so named because of the broadening of the calyx into a saucer-shaped secondary flower.

267 **Prize Mixture**. A superb mixture of all classes, single, double, and Cup-and-Saucer. Pkt., 15c; 1/8 oz., 50c.

268 **Single Mixed Colors**. Pkt., 15c; 1/8 oz., 50c.

269 **Double Mixed Colors**. Pkt., 15c; 1/8 oz., 50c.

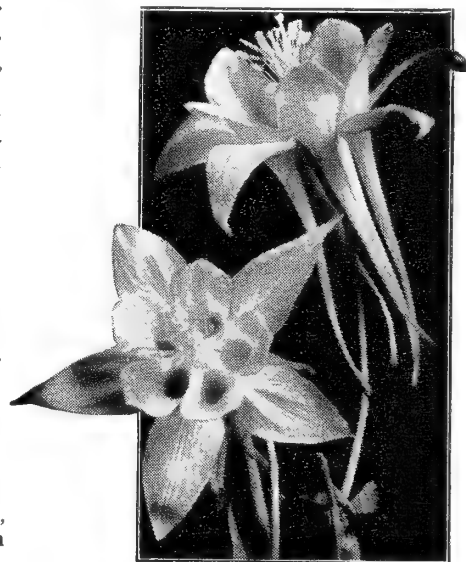
270 **Calycanthema**. Rose-pink. Pkt., 15c; 1/8 oz., 50c.

272 **Calycanthema** (Cup-and-Saucer). **Mixed Colors**. Pkt., 15c; 1/8 oz., 50c.

273 **Calycanthema**. Dark blue. Pkt., 15c; 1/8 oz., 50c.

274 **Calycanthema**. White. Pkt., 15c; 1/8 oz., 50c.

274B **Carpatica** (Harebell). Dainty light violet-blue bells opening upward. Pkt., 15c; 1/8 oz., 75c.



*Aquilegia*

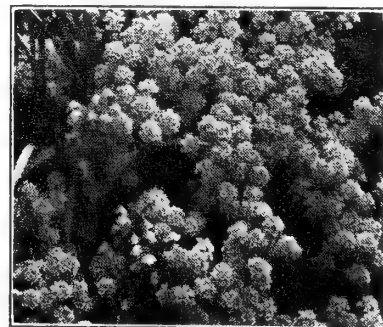
## CARNATION

(Hardy)

288 **Chabaud's Giant Double Mixed**. Flowers large, a high percentage double. Deliciously fragrant and greatly varied in coloring. Pkt., 15c; 1/8 oz., 75c.

290 **Dwarf Vienna**. Blooms early the second summer from seed. The hardiest sort, said to stand the winter with a slight protection. Flowers large, double, fragrant and of varied colors. Pkt., 15c; 1/8 oz., \$1.00.

292 **Grenadin, Finest Mixed**. Early, free flowering, medium large, upright growing, long, slender-stemmed, hardy Carnation. Foliage is grassy, of the Dianthus type. Does not bloom until the second year. Pkt., 15c.



*Alyssum*



## CENTAUREA

328 **Montana, Blue** (Perennial Cornflower). Large, violet-blue flowers. 2 feet. Pkt., 15c; 1/8 oz., 35c.

## CERASTIUM

(Snow-in-Summer)

328A **Tomentosum**. An excellent dwarf bedding perennial with silvery white foliage and small white flowers. Pkt., 15c; 1/8 oz., 40c.

## CHEIRANTHUS

334 **Allioni** (Siberian Wallflower). Brilliant orange. 1 foot. Pkt., 15c; 1/8 oz., 30c.

335 **Allioni, Golden Bedder**. Golden yellow. Pkt., 15c; 1/8 oz., 35c.

## CLEMATIS

340 **Paniculata**. One of the finest hardy perennial climbers. Of robust habit and covered from the ground to the summit with pure white, fragrant flowers. The flowers are followed by pretty seed pods of bronzy red. 12 ft. Pkt., 15c.

**COLUMBINE**. See Aquilegia.

## COREOPSIS

For Annual Varieties, see Calliopsis.

358 **Lanceolata grandiflora**. The flowers are a rich golden yellow, often 3 inches in diameter, borne on fine, long stems; desirable for cutting. Pkt., 15c; 1/8 oz., 30c; 1/4 oz., 50c.

358A **Double Sunburst**. Large, golden yellow, fully double flowers. Pkt., 15c; 1/8 oz., 30c; 1/4 oz., 50c.



*Dahlia, Unwin's Dwarf Hybrids*

## DAHLIA

One of our best autumnal flowering plants. Blooms until killed by frost; tuberous rooted, half-hardy perennials, blooming the first year from seed, if sown early. Protect roots during winter in a dry cellar in peat moss or sand.

371 **Unwin's Dwarf Hybrids**. Early flowering, semi-double strain of Dahlias, producing gorgeous blossoms of almost every color combination from midsummer until late autumn. Pkt., 15c; 1/8 oz., 75c.

371A **Coltness Gem**. Dwarf, large flowering hybrids. Reselected. Pkt., 15c; 1/8 oz., 75c.

372 **Special Mixture** of Giant-Flowered Single varieties. Comprises seed from noted English and Holland growers. Pkt., 15c; 1/8 oz., 35c; 1/4 oz., 75c.

373 **Double Large-Flowered**. Mixed colors. Saved from the finest show varieties. Pkt., 15c; 1/8 oz., 60c; 1/4 oz., \$1.00.

**DAHLIA BULBS**. See page 41.

# The Great Tall DELPHINIUMS



393 **Gold Medal Strain**. Seeds taken from the Gold Medal strain. Double and single, and includes light blue, intense deep blue and many lighter shades. 6 to 8 ft. Pkt., 25c; 1/8 oz., 60c.

393A **Blue Bird Series**. Clear medium blue, white bee. Pkt., 25c.

393B **Galahad Series**. Huge clear white. Pkt., 25c.

393C **Lancelot Series**. Clear lilac self, a rare color; white bee. Pkt., 25c.

394 **Pacific Giants Mixed**.

Pkt., 25c; 1/16 oz., \$1.00.

395 **Belladonna Hybrids Mixed**.

Pkt., 15c; 1/8 oz., 75c.

396 **Wrexham Hollyhock Strain**. This strain is a fine mixture of light and dark shades. The flowers are large, truly double, well placed on long spikes. 6 feet. Pkt., 15c; 1/8 oz., \$1.00.

397 **Chinensis alba**. Pure white. 2 to 3 feet tall. Pkt., 15c; 1/8 oz., 40c.

397A **Nudicaule**. Scarlet. 2 feet. Pkt., 15c.

## DAISY

378 **Shasta Daisy**. Large, pure white flowers blooming in great abundance all summer. 1 to 2 feet. Pkt., 15c; 1/16 oz., 40c; 1/8 oz., 75c.

378A **Giant Double White**. Pkt., 25c.

**Michaelmas Daisies** (Perennial Single Aster). Beautiful and showy, hardy perennials easily grown from seed, blooming profusely in the autumn months, and the first season if seed is sown early.

381 **Alpinus, Mixed Colors**. Pkt., 15c.

For other flowers known as Daisies, see Anemis, Brachycome and Chrysanthemums.

## CLOVE OR GRASS PINKS

(*Dianthus Plumarius*)

Improved forms of the old well known Clove Pink. They grow anywhere and bloom very profusely. Very useful for the hardy border.

416 **Single** (Pheasant's Eye Pink). Mixed colors. Pkt., 15c; 1/8 oz., 35c.

417 **Nanus fl.-pl.** Extra dwarf double mixed. Pkt., 15c; 1/8 oz., 60c.

417A. Brilliant carmine-rose, small, single flowers in great profusion. Excellent low border plant. Pkt., 15c; 1/8 oz., 75c.

418 **Florist's Perpetual Pink** (*D. semperflorans*). Double and semi-double; large flowers; very fragrant and many colors. Blooms nearly all summer and if sown in March will generally bloom the first season. Pkt., 15c; 1/8 oz., 40c.

## DIGITALIS

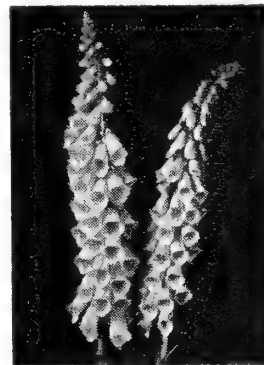
(Foxglove)

Favorite hardy plants bearing, in June and July, tall flower spikes. Of easy culture. Hardy biennial or perennial. 2 1/2 to 3 feet.

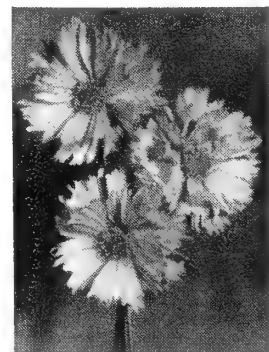
424 **Monstrosa**. Mixed colors. Monstrous flowers. Attractive. Pkt., 15c; 1/8 oz., 40c.

430 **Gloxiniaeflora, The Shirley**. Giant hybrids. Spotted throats. Pkt., 15c; 1/8 oz., 50c.

431 **Gloxiniaeflora**. Finest spotted varieties. Mixed. Pkt., 15c; 1/8 oz., 50c.



*Digitalis*



*Coreopsis Golden Sunburst*



*Shasta Daisy*

## FORGET-ME-NOT (*Myosotis*)

Favorite half-hardy perennials, mostly treated as annuals; nearly all blooming the first season from seed sown early in the open ground.

454 **Alpestris, Indigo Blue.** Dark blue. Pkt., 15c; 1/8 oz., 75c.

455 **Oblongata, Blue Bird.** Dark blue, large flowered. Pkt., 15c; 1/8 oz., 75c.

457 **Alpestris rosea.** Rose. Pkt., 15c; 1/8 oz., 75c.

459 **Palustris semperflorens, Azure.** Blue. Blooms in 8 to 10 weeks from sowing. Pkt., 15c; 1/8 oz., 75c.

460 **Hybrida, Ruth Fisher.** Upright growing, free blooming, rich color. Fine for pots. Pkt., 25c.

461 **Victoria, Dwarf.** The flowers are large, bright azure-blue, with yellow centers. Best for edging. Pkt., 15c; 1/8 oz., 75c.

462 **Victoria rosea, Dwarf.** Rose, dwarf, large flowered. Pkt., 15c.

463 **Victoria, Dwarf Indigo-Blue.** Pkt., 15c; 1/8 oz., 75c.

464 **Victoria, Dwarf White.** Pkt., 15c.



Gaillardia

## GAILLARDIA (*Blanket Flower*)

Flowers large, with rich shades of scarlet, orange and crimson, the three often combined in one flower. If sown early, will bloom in the first season. 1 1/2 to 2 feet.

478 **Grandiflora, Large Flowered Choice Mixed.** A splendid mixture, comprises all the colorings known. Pkt., 15c; 1/8 oz., 50c.

478A **Burgundy.** Coppery scarlet flowers 2 1/2 inches in diameter. If started early indoors flowers may be produced the first season from seed. Pkt., 15c; 1/8 oz., 50c.

## GEUM

Free flowering, producing a wealth of attractive flowers much prized for cutting. Excellent for borders.

486 **Lady Stratheden.** Flowers loosely double; a delightful shade of golden yellow. Pkt., 15c; 1/8 oz., 75c.

487 **Mrs. Bradshaw.** The double orange-scarlet flowers are very large and full. 2 feet. Pkt., 15c; 1/8 oz., 75c.



Geum

# Ross' Colorful Hollyhocks Easy to Grow

## HOLLYHOCK

Flowers about 3 inches across set as rosettes around strong growing stalks. Seeds sown in May or June make fine blooming plants the following season.

530 **Chater's Double, Finest Mixed.** Choicest double varieties, a large percentage of the flowers coming double. Pkt., 15c; 1/8 oz., 50c; 1/4 oz., 90c.

531 **Double Triumph Mixed.** Beautifully fringed rosette flowers in many new shades and bicolor combinations. Pkt., 15c; 1/8 oz., 60c.

532 **Alleghany.** Large, semi-double flowers, beautifully fringed, of silky texture and richly colored. Pkt., 15c; 1/8 oz., 40c.

534A **Double Emperor.** Large, fringed rosette flowers in charming color combination. Pkt., 15c; 1/8 oz., 50c.

**Chater's Double:** 535 **Maroon**, 535A **Newport Pink**, 536 **Snow-White**, 536A **Yellow.** Pkt., 15c; 1/8 oz., 50c.

## GYPSOPHILA (*Baby's Breath*)

Flowers very small, borne in loose, graceful panicles. Used in bouquets with other cut flowers. 2 feet.

502 **Pacifica.** Rose, blooms when Paniculata varieties have passed. Excellent for cutting. Pkt., 15c; 1/16 oz., 60c.

504 **Paniculata flore-pleno.** A fine, new double of the purest white, the flowers forming miniature balls of white petals. Pkt., 15c; 1/16 oz., 60c.

506 **Paniculata.** White. The variety more generally known as Baby's Breath. Hardy perennial. Pkt., 15c; 1/8 oz., 30c; 1/4 oz., 50c.

## HELENIUM

A very valuable hardy perennial, bearing in profusion in August and September, long-stemmed, single flowers; fine for cutting.

510 **Hoopesi.** Yellow with brown disk. Pkt., 15c.

## HELIANTHEMUM

(*Dwarf Sun Rose*)

512 **Mutabile Mixed.** Dwarf evergreen rock garden plant, forming large clumps completely covered with blooms during July and August. 8 to 12 inches. Pkt., 15c; 1/4 oz., 75c.

## HELIOPSIS

516 **Laevis Pitcheriana.** Yellow. Pkt., 15c.

## HEUCHERA

525 **Sanguinea Hybrids.** A fine, hardy perennial bearing in graceful spikes, rich colored flowers. Useful for cutting. 1 foot. Pkt., 25c.

## HIBISCUS

(*Mallow Marvel*)

Vigorous growing plants, producing large, handsome flowers, often 6 inches across. Very desirable for mixed beds or borders.

526 **Giant Flowered.** Finest mixed. Hardy perennial. 4 feet. Pkt., 15c; 1/8 oz., 40c.

## IBERIS (*Perennial Candytuft*)

542 **Queen of Italy.** Dwarf, bushy habit. Pink flowers. Pkt., 15c.

543 **Sempervirens** (*Perennial Candytuft*). A desirable hardy perennial of easiest culture. Dwarf, spreading habit; suitable for rockeries. Flowers pure white. Pkt., 15c; 1/8 oz., 75c.

544 **Gibraltarica.** Lilac shading off to white; large flowers. Early. Pkt., 15c; 1/8 oz., 50c.



Hollyhock

## KUDZU VINE (*Pueraria*)

560 **Thunbergiana** (*Jack-and-the-Beanstalk Vine*). A vine of wonderfully rapid growth, when well established, growing to the great height of 40 to 50 feet. Leaves are of enormous size. Hardy perennial. Pkt., 15c.

## LATHYRUS LATIFOLIUS

(*Everlasting Sweet Pea*)

An easily grown, hardy perennial climber, bearing freely flowers somewhat similar in form to the Sweet Pea. If grown in moist soil, will bloom nearly all summer. Colors: reddish purple, rose and white. 6 to 8 feet. 570 **Mixed Colors.** Pkt., 15c; 1/4 oz., 50c.

## LAVENDER (*Lavandula Vera*)

575 **Vera.** A well known hardy perennial grown chiefly for its lasting fragrance. Pkt., 15c.

## LIATRIS

578 **Spicata.** Purplish rose. 20 in. Pkt., 15c.

## LINUM

582 **Flavum.** Yellow. Excellent early flowering rock garden plant. Pkt., 15c; 1/8 oz., 50c.

## LOBELIA

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam.

588 **Cardinal Flower** (*Cardinalis*). Intense scarlet. 3 feet. Pkt., 25c.

## LUPIN

590A **Polyphyllus, Blue.** Pkt., 15c; 1/4 oz., 30c; 1/2 oz., 50c.

591 **Polyphyllus, Finest Mixed.** Hardy plants of easy culture; useful as a background in the perennial border. Mixed blue and white. 2 to 4 feet. Pkt., 15c; 1/4 oz., 40c.

592 **"Russell."** Grown from originator's stock seed. A fine collection. Pkt., 15c; 1/4 oz., 75c.



Iberis Sempervirens



# Ross' Exhibition PANSIES

**Bloom Abundantly  
from Early Spring  
to Severe Frost**

*A Lovely, Velvety Assortment  
of Colors Endures All Climates*

The Pansy produces best results during the cool days of spring, and in sandy loam, thoroughly prepared and supplied with well-rotted manure. To assist germination by retaining moisture, cover the seed bed with sheeting or single burlap, removing as soon as seedlings begin to appear. From this time on it is important never to let the soil become dry; to do so is fatal. Keep moist but not soaking wet. For early spring flowers, sow seed in August and protect during the winter.



*Ross Exhibition Pansies*

**770 Swiss Giant Coronation Gold.** The finest pure golden yellow, flowers lightly ruffled at edges and have a mild scent. Pkt., 25c.

**771 Swiss Giant.** Giant mixed. The flowers are of immense size, borne on long stems, and the colors are unusual, mostly large blotched. Pkt., 25c.

**774 Dwarf Swiss Giant.** Plants are more dwarf and compact with the same immense flowers and unusual colors. Pkt., 25c.

**776 Super Maple-Leaf Giant Mixed.** Compact habit, with large, attractive foliage and very large blooms. Pkt., 25c.

**778 Masterpiece.** (Ruffled Pansies.) A strain having ruffled and curled petals, giving the flowers the appearance of being double. Colors rich and striking. Pkt., 15c; 1/8 oz., 75c.

**779 Worcester Giant Mixed.** Our own selections of choice large-flowered strains and varieties, including a proportion of all the preceding strains, the named separate sorts, and several choice strains of different growers. Pkt., 15c; 1/8 oz., 75c.

**782 Trimardeau Large Flowered Mixed.** The range of coloring is excellent, and the mixture will be found very satisfactory. Pkt., 15c; 1/8 oz., 75c.

**783 Westland Giants.** Large flowering strain of Pansy in beautiful color variation and of compact growth. Pkt., 25c.

**784 Butterfly Hybrids.** Ruffled and fluted. Pkt., 25c.

**785 Felix Choice Mixture.** Good yellow-faced mixture. Pkt., 25c.

**786 Giant Adonis.** Splendid light blue, with white center and dark blotches. Pkt., 15c.

**788 Giant Cardinal.** Brilliant red. Pkt., 15c; 1/8 oz., 75c.

**790 Jumbo Choice Mixed.** Large flowers on long, strong stems, many unique colors. Resistant to summer heat. Pkt., 25c.

**792 Golden Queen.** Pure yellow. Pkt., 15c; 1/8 oz., 75c.

**794 Indigo Blue.** New rich shade. Pkt., 15c; 1/8 oz., 75c.

**796 King of the Blacks.** Pkt., 15c; 1/8 oz., 75c.

**800 Lord Beaconsfield.** Violet, shading to white at the top. Pkt., 15c; 1/8 oz., 75c.

**804 Madam Perret.** Fine red shades. Pkt., 15c; 1/8 oz., 75c.

**808 Snow White** (Candidissima). Pkt., 15c; 1/8 oz., 75c.

**811 Yellow.** With large, black eye. Pkt., 15c; 1/8 oz., 75c.

## Ross' Giant Pansies Outstanding in Color, Size and Freedom of Bloom

They are of enormous size with long stems and healthy foliage. The color combinations are new and very rare, including shades never before seen in Pansies: browns, salmons, pinks, reds, and wine colors. We do not hesitate to recommend this strain to the most critical grower.

Why buy ordinary seed when **Ross' Selected Giants cost no more?** One ounce of seed will produce as many as 20,000 plants. **Try Ross' Selected Giant Seed this year for best results.**

**PRICE LIST OF ASSORTED COLORS:**  
780—Pkt., 50c; 1/16 oz., \$1.15; 1/8 oz., \$2.00;  
1/4 oz., \$3.75; 1 oz., \$14.00; 1/4 lb.,  
\$52.00; 1 lb., \$192.00. These prices  
include free delivery in U.S.A.

### LYCHNIS

Perennial plants of easy culture, blooming the first season if sown early.  
**595 Chalcidonica** (Burning Star). Bright scarlet flowers shaped like a Maltese Cross. Of fine color and thrifty growth; very effective in the perennial border. 2 feet. Pkt., 15c; 1/8 oz., 40c.

### MIMULUS

Bushy plants 1 foot high. Flowers various shades of yellow, spotted and marked crimson.  
**630 Tigrinus** (Monkey Flower). Handsome flowers with white, sulphur or yellow ground spotted with crimson, scarlet or pink. Pkt., 15c.  
**631 Moschatus** (Musk Plant). Small yellow flowers, musk-scented foliage, of trailing habit; excellent for hanging baskets. Pkt., 15c.

### NEPETA

**757A Mussini.** A favorite perennial rock plant with blue-gray foliage and blue flowers. 9 in. Pkt., 15c; 1/8 oz., 50c.

### PHLOX

The seed we offer has been saved from the best varieties and is supplied in mixture only.  
**847 Choicest Mixed.** Pkt., 15c; 1/8 oz., 75c.  
**848 Beltsville Beauty.** Mixed. If sown in autumn, flowers the following spring; thereafter perennial. Color range includes white, white with eye, pink, pink with eye, salmon, flame, lavender, mauve. Developed by United States Department of Agriculture. Freeze seed before planting. Pkt., 25c.

### PHYSALIS (Chinese Lantern Plant)

**850 Francheti.** Bright orange-scarlet lantern-like fruits which are gathered in the fall and dried. Very attractive for winter bouquets. If seed is sown early will bloom the first year. Pkt., 15c; 1/8 oz., 60c.

**We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.**

# SEEDS of HARDY FLOWERS • PERENNIALS and BIENNIALS



*Platycodon*

## PLATYCODON

(Chinese Bellflower)

855 **Grandiflorum, Mammoth Blue.**

Blooms from July to September. The flowers are large, steel-blue. 2 to 2½ feet.

Pkt., 15c.

856 **Grandiflorum, Mammoth Early White.** Pkt., 15c.

## POLEMONIUM

(Jacob's Ladder)

857 **Coeruleum.** Large heads of showy blue flowers from May to August. 2 feet. Pkt., 15c.

## HARDY PERENNIAL POPPIES

890 **Iceland Poppies.** White and shades of yellow and orange. Mixed.

Pkt., 15c; ¼ oz., 60c.

**ORIENTAL POPPIES.** Easily grown from seed sown either in late fall or early spring. They bloom the second spring from sowing.

892 **Orientele.** Deep crimson flowers, with blotch of black on each petal.

Pkt., 15c; ¼ oz., 75c.

893 **Oriental Mixed.** Flowers of enormous size, sometimes 6 inches or more in diameter and of many novel colors.

Pkt., 15c; ¼ oz., 75c.

## HARDY PRIMROSES

Although known as a hardy perennial, these require, in this climate, some protection. If protected with leaves covered by a box, they will live through our severest winter.

**Veris** (Polyanthus). Excellent for either pot or outdoor culture. Colors mostly shades of yellow, and red and yellow.

903 **Choicest Mixed.** Pkt., 15c.

904 **Vulgaris.** True, yellow English Primrose. Canary-yellow; fragrant. Pkt., 15c.



*Primroses*

## PYRETHRUM

Hardy perennials of easy culture.

910 **Aureum** (Golden Feather). Golden foliage; small, white flowers. 1 foot.

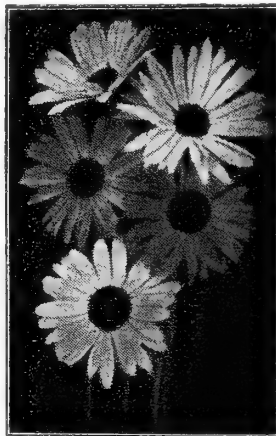
Pkt., 15c; ¼ oz., 40c.

913 **Roseum hybridum.** Blooms freely from June to September, bearing large flowering, Daisy-like flowers, ranging from light pink to deep red, with bright yellow center; excellent for cutting.

Pkt., 15c; ¼ oz., 60c.

914 **Hybridum Double Mixed.**

Pkt., 25c; 1/16 oz., \$1.00.



*Single Pyrethrum*

## ROCK GARDEN

920A **Perennial Mixed.**

Pkt., 15c.

## ROCKET, SWEET

(*Hesperis Matronalis*)

Hardy perennial plant of easy culture, bearing clusters of purple or white, fragrant flowers. 1½ feet.

921 **Mixed.**

Pkt., 15c; ¼ oz., 25c.

## RUDBECKIA

(Coneflower)

Will grow in nearly all soils and situations, thriving in partial shade or fully exposed to the sun.

925 **Kelvedon Star.** Deep orange with dark brown disc. Pkt., 15c.

926 **Purpurea** (Echinacea; Giant Purple Coneflower). Large flowers, about 4 inches in diameter; reddish purple, with large cone of brown. Hardy perennial. 3 feet. Pkt., 15c; ¼ oz., 40c.

## SCABIOSA

946 **Columbaria Lavender.** Large lavender-blue flowers; plant dwarf with a fine, light green foliage. 18 inches. Pkt., 15c; ¼ oz., 60c.

946A **Columbaria Pink.** Delicate pink. 18 inches. Pkt., 15c; ¼ oz., 60c.

947 **Caucasica perfecta.** A hardy perennial, especially valuable for cutting, the blooms lasting a long time in water; color soft lavender-blue. 2 feet. Pkt., 15c; 1/16 oz., 30c.

947A **House's New Hybrids.** Each petal is beautifully ruffled and fringed. Shades of blue from lavender to dark blue, very large flowers. Pkt., 15c; 1/16 oz., 40c.

## STOKESIA CYANEA

(Cornflower Aster)

973 **Blue.** Blooms from August to frost. 2 feet high. Pkt., 15c.

974 **Mixed.** Containing many new colors. Pkt., 15c.

## SWEET WILLIAM

(*Dianthus Barbatus*)

A hardy biennial with large trusses of sweet-scented flowers produced in abundance, suitable for rock gardens.

1300 **Single Mixed Colors.**

Pkt., 15c; ¼ oz., 50c.

1302 **Holborn Glory.** A new strain of the auricula-eyed section; both the head and individual flowers are of the largest size and each of the latter shows a clear white eye; of an exceedingly wide range of colors.

Pkt., 15c; ¼ oz., 50c.

1304 **Dwarf Double Mixed Colors.** 6 inches. Pkt., 15c; ¼ oz., 75c.

1305 **Dwarf Single Mixed Colors.** 6 inches. Pkt., 15c; ¼ oz., 75c.

1308 **Double Largest Flowered.** Choicest mixed. A greatly improved strain.

Pkt., 15c; ¼ oz., 60c.

1309 **Scarlet Beauty.** A very effective rich, deep scarlet variety. Pkt., 15c; ¼ oz., 50c.

1306 **Newport Pink.** Pkt., 15c; ¼ oz., 50c.

## TRITOMA

1317 **Tritoma** (Red Hot Poker Plant or Flame Flower). Hardy perennial. Large spikes of orange-red flowers. Height 4 feet; effective in single clumps or among shrubbery.

Pkt., 15c; ¼ oz., 50c.

## TROLLIUS

1317A **Choicest Mixed Varieties.**

Pkt., 15c.

## TUNICA

1318 **Saxifraga.** Dwarf, hardy perennial. Pink blossoms; an excellent rock plant. Pkt., 15c.

## VERONICA

1330 **Spicata.** All colors mixed.

Pkt., 15c; ¼ oz., 75c.

## VIOLA CORNUTA (Tufted Pansies)

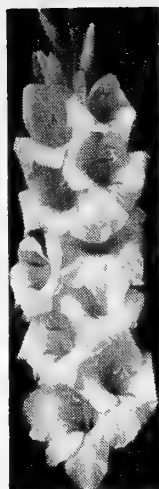
Flowers not so large as the Pansy. Blooms profusely; is quickly and easily grown. Seed sown in April will produce blooming plants in June and, if planted in cool, moist soil, partly shaded, nearly all summer. Hardy perennial.

1335 **Mixed Tufted Pansies.** Finest mixture of all colors. Pkt., 15c; ¼ oz., 85c.

**We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.**



*Double Pyrethrum*



# Gladiolus You'll Want a Planting of these Gorgeous Summertime Beauties

All named varieties: Each, 12c; doz., \$1.00; 100, \$6.50.

**Blue Beauty.** Light violet-blue, vigorous grower. Most blues are temperamental, but this one is consistently dependable in performance.

**Burma.** Sensational large deep rose, shading to lighter throat. Heavily ruffled and will open up to 10 blooms.

**Color Marvel.** A beautiful blending of shades from yellow to bronze. Opens 5 to 6 medium sized blooms.

**Connecticut Yankee.** Beautiful clean light pink with reddish throat blotch. Tall strong grower opening eight with several more showing color.

**Cover Girl.** A medium pink. Very large tall vigorous grower with huge spikes of blooms.

**Elizabeth The Queen.** Beautiful clear lavender-mauve with darker blue lines in the throat. Opens 7 to 8 heavily ruffled florets of beautiful form.

**Fair Angel.** Cream-white shading to darker cream in the throat. Opens eight large, round, ruffled and somewhat waxy blooms. Early.

**Florence Nightingale.** Opens 6 to 8 well-placed, ruffled white blooms on a long head. Tall straight grower.

**General Eisenhower.** Brilliant clean shade of begonia-rose. Opens 6 to 10 large blooms that occasionally reach up to 7 inches.

**Golden Arrow.** Clear light yellow. Opens up to 8 with several showing color.

**Hopman's Glory.** Tall, always straight bright golden yellow. Opens 6-8 medium sized blooms.

**Java.** Large medium deep clear yellow. Opens 6-7 huge well-placed blooms on a medium tall plant.

**Lady Jane.** Glistening cream with a deeper lower petal. Opens 6-8 wide open blooms on a straight spike.

**Lake Placid.** Cream with yellow throat. Opens up to 8 or more 6-inch blooms with 19 total buds. Tall strong grower and ravishingly beautiful.

**Magnolia.** Light soft creamy rose. Opens 6-8 large round recurved blooms on a tall spike.

**Modern Times.** Light wine-red with two creamy yellow lines on the lip. Opens 6-8 blooms of heavy texture on a tall plant. Everyone likes this color.

**Pactolus.** Apricot-cream with orange-red blotch. Opens 6-8 wide open well-placed blooms on a medium light plant.

**Pandora.** Beautiful clear soft geranium-pink with slightly darker lines in the throat. Opens 8-10 always well-placed blooms on a medium height or taller plant.

**Parthienna.** A giant in a deep shade of lavender. Opens 6-8 slightly ruffled blooms on a long head.

**Red Charm.** One of the best medium reds. Opens 8-9 well-placed blooms on a tall straight stem.

**Rosa Van Lima.** A pure clear pink of such loveliness as is seldom seen. A touch of light lavender in throat.

**Salman's Glory.** Large showy creamy white with a big red blotch edged yellow. Tall strong husky grower with big head of blooms.

**Snow Princess.** One of the finest of the whites. Has long spikes with 6 large florets, well arranged, open at once.

**Spic & Span.** Tall ruffled medium deep pink of an unusual shade. Opens 10 with 8-10 buds showing color.

**Spotlight.** Dark golden yellow with a small flaming scarlet blotch. Opens 6-7 on a very tall straight, willowy spike.

**Tivoli.** Lustrously beautiful soft rose. Opens 8-10 well-placed blooms on a tall strong plant.

**Vulcan.** Magenta-purple, a color that the ladies all like. Opens up to 7 well-placed blooms on a tall straight plant.

**Yellow Herald.** Amber-yellow with light carmine throat lines. Opens 6-8 slightly ruffled medium large blooms on a tall spike.

**Mixture.** A mixture of popular, named varieties, selected from all classes, unsurpassed in diversity of colors and types of blooms.

Mixture: Each, 10c; doz., 90c; 100, \$5.50.

## IF IT'S GIANT SIZE AND BEAUTY BEYOND DESCRIPTION We Recommend

**Adolph Mayer.** (SC). Dark purple almost black. Large flower of unmatched beauty. Each 75c.

**Arthur Godfrey.** (FD). Enormous flower of Orient-red with buff shadings. Each \$1.00.

**Barbarossa.** (FD). Outstanding cardinal-red with crimson glow. Each 75c.

**Berger's Masterpiece.** (C). Soft lavender-pink with a yellow base. Each 75c.

**Carol.** (ID). A very large, fine true purple. Each \$1.25.

**Clara Clemons.** (Ball). Very striking bicolor. Medium size red flowers with white tips. Each 50c.

**Commando.** (FD). An excellent deep lavender, garden variety. Each 50c.

**Crown of Gold.** (Show). A striking combination of yellow-gold tipped bright red. Many flowers on medium size bushes. Each 40c.

**Deuil du Roi Albert.** (FD). The favorite florist bicolor. Flowers are violet-purple with white tips. Free flowering and very striking. Each 50c.

**Eastern Echo.** (FD). Variable red-lavender spotted. Medium size and free flowering. Each 40c.

**Five-Star General.** (FD). Very large amaranth-pink with tips of soft maize-yellow. Each \$1.00.

**Florists' Beauty.** (FD). Purple with white tips. Each 75c.

**Gallant Fox.** (FD). A leading commercial red. Each 40c.

**Gerrie Hoek.** (FD). Fine delicate pink shade, medium size flowers. Each 50c.

**Her Grace.** (C). Outstanding true pink cactus. Each 75c.

**Jane Cowl.** (ID). Large shaggy flower of copper and gold. Each 75c.

**Jean Kerr.** (FD). The most popular white with commercial cut flower growers. Each 25c.

**Jersey's Beauty.** (FD). Leading commercial pink. Each 50c.

**Kentucky Sportsman.** (ID). A striking combination of orange, yellow and rose. Each 75c.

**Kirsten Flagstad.** (FD). An enormous early variety of golden apricot on good long stiff stems. Each 75c.

**Lakeside Beauty.** (FD). Pink with cream center. Each 60c.

**Lavender Jewel.** (FD). An excellent lavender-pink commercial cut flower. Each 50c.

**Le Toreador.** (FD). Medium size flat flowers of glowing deep red, borne on strong, medium length stems. Each 35c.

**Madame Elizabeth Sawyer.** (C). The finest lavender cactus. Each 60c.

**Madonna.** (D). Enormous and beautiful pure white. Each \$1.25.

**Mid West Champion.** (ID). Violet-rose with shades of yellow at petal base. Each 50c.

**Miss Liberty.** (FD). Spectacular bicolor red tipped white. Each 60c.

**Monarch.** (FD). Huge flowers of rich velvet red. Each 60c.

**Ogden Reid.** (ID). Tremendous rose-pink flowers. Each 50c.

**Purity.** (Islip). (FD). Finest white commercial cut flower. Each 60c.

**Red and White.** (FD). Red base with white tips. Each 75c.

**Riesen Wunder.** (C). A striking combination of purple-rose with white center. Each 60c.

**Scarlet Leader.** (C). Bright scarlet cactus. Each 75c.

**Sherwood Peach.** (ID). A very large and vigorous growing orange-apricot. Each 60c.

**Sheik.** (C). Incurved cactus bicolor going from pink on petals to white at flower center. Each 60c.

**Snowstorm.** (FD). Fine formal pure white. Each 50c.

**So Big.** (ID). A large exhibition variety, lavender flowers. Each \$1.25.

**Tosto.** (C). Medium size fuchsia-colored cactus variety. Each 60c.

**The Commodore.** (ID). Bright lemon-yellow. Each 35c.

## Dahlias

**Watchung Giant.** (ID). A huge yellow-gold variety. Each 35c.

**World Event.** (ID). Large Tyrian-rose flowers. Each 50c.

**Yellow Star.** (C). An outstanding pure yellow cactus. Each 60c.

**Mixed Dahlias.** Special assortment of large-flowering Dahlias. \$3.00 per doz., postpaid.

The initials behind each variety designate: (ID) Informal Decorative; (FD) Formal Decorative; (C) Cactus; (SC) Semi-Cactus.

### MINIATURE DAHLIAS

**Ayesha.** Bright orange flowers. Each 50c.

**Blue Eye.** Formal lavender-pink with dark center. Each 50c.

**Corinna.** Canary-yellow. Each 40c.

**Ike.** Rich red; very profuse. Each 35c.

**Little Roseata.** Soft pink. Each 40c.

**Little Wisteria.** Lavender with a darker purple center. Each 40c.

**Sandra.** Red and white formal bicolor. Each 50c.

**White Fawn.** The finest Decorative white variety. Each 35c.

### POMPON DAHLIAS

**Albino.** Small flowers of pure white. Each 40c.

**Amber Queen.** Soft amber color. Each 35c.

**Bette Anne.** Soft pink. Each 50c.

**Edith Mueller.** Beautiful two-toned variety of golden orange at base and salmon-red at petal tips. Each 40c.

**Kochelsee.** Extra fine scarlet. Each 50c.

**Little Herman.** A red and white Pompon. Each 30c.

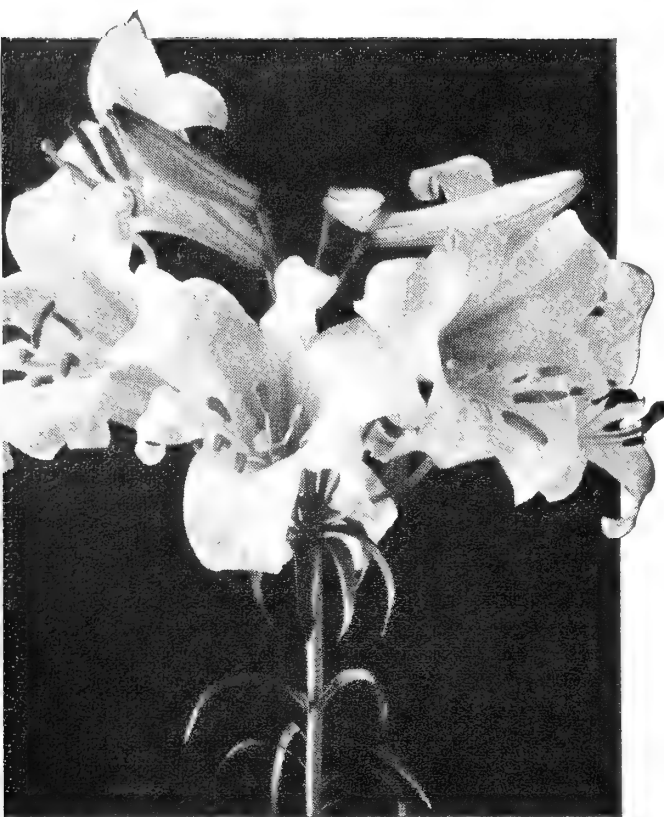
**Mary Munns.** Fine lavender. Each 30c.

**Rosa Wilmoth.** Deep rose-pink. Each 35c.

**Sherry.** Beautiful shade of petunia-purple. Each 40c.

**Yellow Gem.** Creamy yellow. Each 30c.





*Regal Lily*

## HARDY GARDEN LILIES

**Regal** (*Lilium myriophyllum*). It is a pure waxy white, with a lemon-yellow throat and a trumpet about 6 inches long, and when the flower is fully developed, it is about 7 inches across; 2 to 2½ inches in diameter. Each 40c.

**Speciosum rubrum or roseum.** Delicate pink, almost white, spotted red; one of the old garden favorites. Height 3 feet. Flowers in August and September. Each 45c.

**Auratum** (Golden Banded Lily). Enormous, measuring frequently 8 to 12 inches across; pure white, spotted crimson, each petal marked in the center with a band of yellow. Flowers in August; delightfully fragrant. Each 45c.

## AMARYLLIS

(Delivery Spring or Autumn)

**Giant American Hybrids.** These are for planting in pots only. The flowers are well rounded with overlapping petals and a wide range of colors, 4 to 6 blooms on a stem. Each 70c.



*Amaryllis*

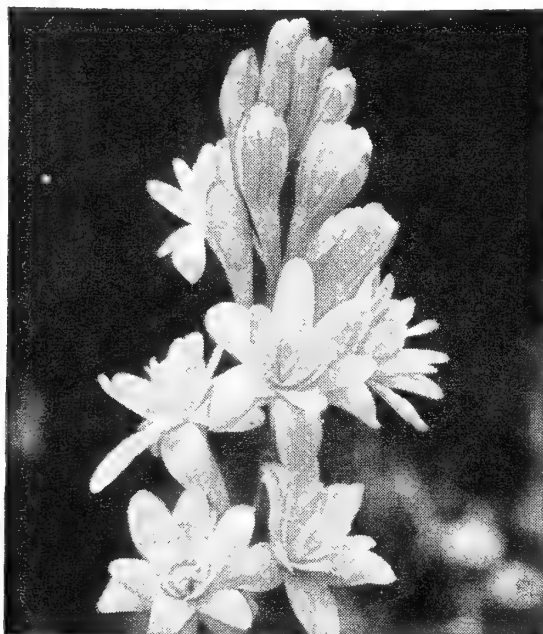
## DWARF TUBEROSE

An Improved Strain

Bulbs may be started in the house for early flowers, or they may be planted in the open border, but not earlier than June in this latitude.

**Excelsior Dwarf Pearl.** Improved strain; plant of dwarf habit; blooms earlier and flowers are more double than old strain.

Extra large bulbs, postpaid, each 15c.



*Dwarf Tuberose*

## CALADIUM ESCULENTUM

(Elephant's Ear)

Giant decorative leaves, rich bright green. Soft velvety texture. Splendid for mass planting in shaded locations. Do not plant outdoors until after May 1st. Each 40c.



*Tuberous-Rooted Begonia*

## TUBEROUS ROOTED BEGONIAS

Large Bulbs, 2 Inches Diameter

Desirable for shady places. Start in the house early and set plants in the open ground about the last of May. They will bloom soon and profusely and continuously until frost. Keep constantly moist.

**Double Varieties.** Crimson, pink, white, coppery, rose, scarlet, orange, yellow, salmon. Each 25c; 10 for \$2.00.



*Cinnamon Vine*

## CINNAMON VINE

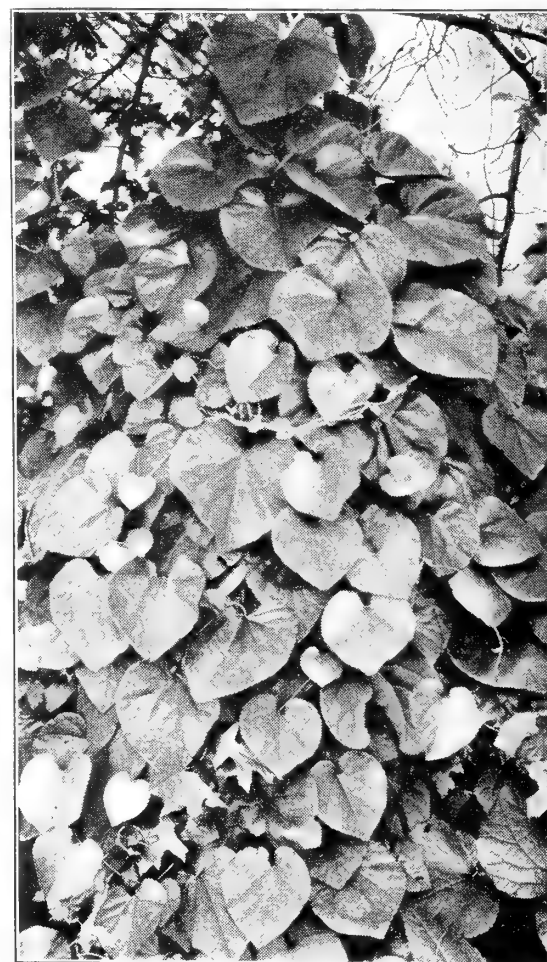
Grows 15 to 30 feet. The leaves are green, with a tinge of bronze. The flowers are white, borne in clusters. The vine dies at the end of the season, but the root is hardy.

Postpaid, extra large roots, 15c each; 3 for 40c; 10 for \$1.20.

## MADEIRA VINE

A rapid growing climber with beautiful, thick, glossy, wax-like leaves and bearing profusely in graceful, feathery racemes white flowers which have a fragrance resembling Mignonette. Plant when ground becomes warm. Store tubers in a cold, dry place during winter.

Postpaid, 15c each; 10 for \$1.35.



*Madeira Vine*

# FERTILIZERS AND SOIL BUILDERS



Golden Vigoro Complete Lawn Food will not burn growing grass when applied at recommended rates. "Also, derivation of Golden Vigoro's Nitrogen content is such that it becomes available to lawns over a period of months rather than within only a few weeks as in regular plant food mixtures."

Danger of burning your lawn when feeding it can be a thing of the past, now that a new product called Golden Vigoro is on the market.

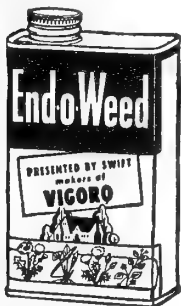
This new product will not burn your grass even if applied during periods of high temperature, then permitted to remain without watering in or raking, when applied at the recommended rate of one to three pounds per 100 square feet. Price: 50-lb. bag, \$3.75.



**END-O-PEST** . . . all the protection most gardens need against the three major types of pests—chewing insects, sucking insects and fungus diseases. Comes ready to use in a handy dust gun of new and exclusive design, and in economy size for larger areas.

#### PRICES

Dust Gun Package . . . . . \$0.98  
 Refill Cartridge . . . . . .75  
 Pouring Spout Package (2 lbs.) . . . . . 1.95



**END-O-WEED** . . . improved selective lawn weed control destroys over 100 different weeds—roots and all. Will not harm ordinary grass. Just mix with water, then spray, using "Side Spray" applicator or any other spraying device. Prices: 1/2-pt. can, 98c; qt. can, \$2.69. "Side Spray"—Sprays measured amount of End-o-Weed to the side as you walk along. No wet feet! 59c.

#### OLD DEERFIELD FERTILIZERS

We highly recommend Old Deerfield Fertilizer.

**GRASS 7-7-7; POTATO 5-10-10; CORN 4-12-8; ONION 5-10-5; ALL CROPS 5-8-7.** Prices on request.

#### OLD DEERFIELD LAWN-SHRUB FERTILIZER 6-5-5

An excellent fertilizer for lawns, shrubs, trees and flowers. Four to five pounds per 100 square feet is recommended as a lawn top dressing. Complete circular on request. Price: Per 100 lbs., \$5.00; per ton, \$92.00.

#### ADCO

#### For Making Artificial Manure

150 lbs. of Adco converts leaves, garden refuse or other waste vegetation into 3 tons of artificial manure by a simple composting method. Home owners, vegetable growers or florists can profit by its use. 5-lb. pkg., \$1.65; 20-lb. bag, \$3.95; 100 lbs. (5 20's), \$19.50.

## VIGORO

COMPLETE PLANT FOOD

#### FOR GRASS, FLOWERS, SHRUBS, TREES, AND VEGETABLES, TOO

Everything you grow needs balanced and complete nourishment to grow best. Be sure your lawn and gardens have a complete diet . . . feed them Vigoro.

#### VIGORO PRICES

50-lb. bag . . . . . \$2.90  
 25-lb. bag . . . . . 1.85  
 10-lb. pkg. . . . . 1.10  
 5-lb. pkg. . . . . .55  
 1-lb. pkg. . . . . .15

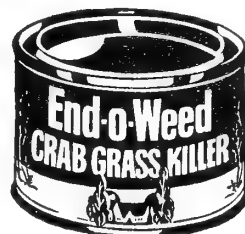


#### INSTANT VIGORO

Complete plant food in concentrated form for liquid plant feeding. Like famous Vigoro, Instant Vigoro is a complete plant food. It is prepared in a concentrated crystalline form designed for liquid feeding. It comes in convenient size packages for testing as well as in larger units for general feeding—house plants to lawns. Price: 1/2-lb. can, 80c; 1-lb. can, \$1.13; 3-lb. can, \$3.00; 25 lbs., \$13.35.



**END-O-PEST ROSE DUST.** 10-oz. applicator gun, \$1.49; 3-lb. canister, \$3.77.



#### END-O-WEED CRAB GRASS KILLER

A special formulation for easy and economical use. A completely water soluble and non-poisonous powder. Seven-ounce can treats up to 1400 sq. ft. Price: 7-oz. can, 98c; 1-lb. 6-oz. can, \$2.59.

#### FARMANURE

A natural all-purpose, all-organic manure fertilizer composed of Peat Moss, poultry manure and cow manure, blended together. Combines an organic plant food with a moisture holding humus. Clean, easy to use, no weed seeds, and will not burn. Fine enough to go through any fertilizer spreader. A 50-lb. bag sufficient for top dressing about 1500 sq. ft. of lawn and for feeding about 1000 sq. ft. of garden. Prices: 7 1/2-lb. bag, 75c; 25-lb. bag, \$1.50; 50-lb. bag, \$2.45; 500 lbs., \$23.50; 1000 lbs. \$45.00.



## By ARMOUR

**ARMOUR'S BIG CROP FERTILIZERS.** We recommend Armour's Big Crop. Prices on request.

**ARMOUR VERTAGREEN PLANT FOOD.** Vertagreen is a high quality, scientifically blended plant food, for lawns, flowers, shrubs, trees and vegetables. Price: 5-lb. bag, 55c; 10-lb. bag, 95c; 25-lb. bag, \$1.80; 50-lb. bag, \$2.75; 100-lb. bag, \$5.10.

#### BOVUNG IS COW MANURE IN A CONVENIENT AND CONCENTRATED FORM



\* **BOVUNG** is absolutely free from live weed seeds.

\* **BOVUNG** can be applied without fear of burning or harmful results.

\* **BOVUNG** supplies plant food as the plant needs it.

\* **BOVUNG** is clean, convenient to handle and is reasonable in price.

Prices: 5-lb. bag, 60c; 10-lb. bag, \$1.05; 25-lb. bag, \$1.65; 50-lb. bag, \$2.95; 2 bags (or 100 lbs.), \$5.70; 500 lbs., \$27.50; 1000 lbs., \$51.00; ton, \$97.00.

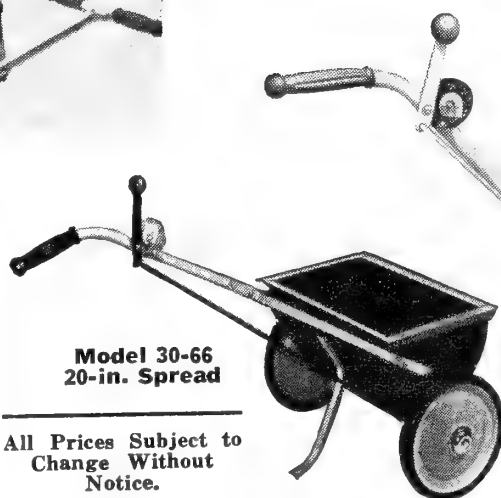
#### PULVERIZED SHEEP MANURE

A standard dressing for lawns, excellent for shrubs and flowers. Apply at rate of about 50 lbs. per 1000 sq. ft. Prices: 25-lb. bag, \$1.50; 50-lb. bag, \$2.50; 100-lb. bag, \$4.25; ton, \$75.00.

## Use Masters to Master Your Spreader Needs!

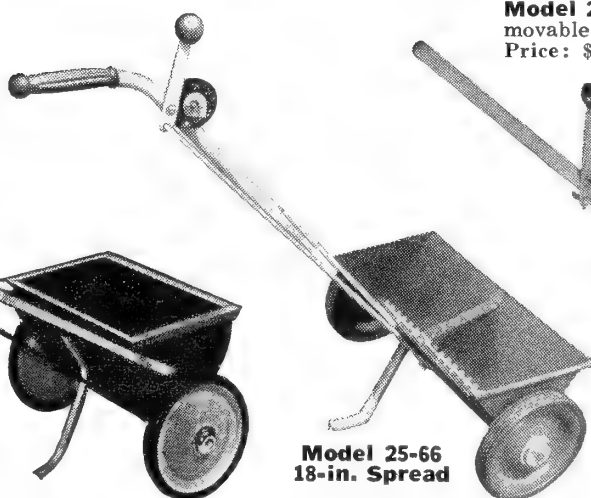


Model 40-66—24-in. Spread

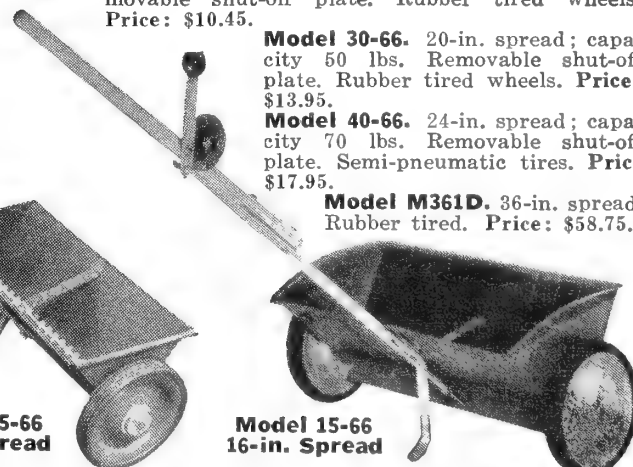


Model 30-66  
20-in. Spread

All Prices Subject to  
Change Without  
Notice.



Model 25-66  
18-in. Spread



Model 15-66  
16-in. Spread

## Fertilizer Spreaders

**Model 15-66.** 16-in. spreading width; capacity 20 lbs. Rubber tired wheels. Price: \$8.75.

**Model 25-66.** 18-in. spread; capacity 25 lbs. Removable shut-off plate. Rubber tired wheels. Price: \$10.45.

**Model 30-66.** 20-in. spread; capacity 50 lbs. Removable shut-off plate. Rubber tired wheels. Price: \$13.95.

**Model 40-66.** 24-in. spread; capacity 70 lbs. Removable shut-off plate. Semi-pneumatic tires. Price: \$17.95.

**Model M361D.** 36-in. spread. Rubber tired. Price: \$58.75.



## MILORGANITE The Ideal Fertilizer FOR LAWNS GARDENS, FLOWERS, SHRUBS AND TREES

By using Milorganite you can have a finer, more luxuriant lawn—deep green grass of uniform color and growth, weed-free turf of velvety texture. Promotes steady, uniform growth. Milorganite "has what it takes" for healthy continuous plant growth. 80-lb. bag, \$4.25; 13—80-lb. bags, \$3.85 per 80-lb. bag; ton lots, \$86.00 per ton; 25-lb. bag, \$1.75.

**OLD DEERFIELD TRU-ORGANIC LAWN & SHRUB FERTILIZER. 5-4-0.** 50-lb. bags. Per 50-lb. bag, \$2.50; ½ ton lots or more, \$80.00 per ton.



**AGRINITE.** All organic Plant Food over 8% Nitrogen. Non-burning; clean; dry; odorless. For greater lawn and garden beauty. Apply 4 lbs. per 100 sq. ft., 1000 to 1500 lbs. per acre. Price: Per 80-lb. bag, \$5.20; 500 lbs. to 1000 lbs., \$4.68 per 80-lb. bag; 1000 lbs. to 2000 lbs., \$4.42 per 80-lb. bag. Ask for prices in larger quantities. A product of American Agricultural Chemical Co.

**AGRICO COUNTRY CLUB FERTILIZER 8-6-4.** Price:

Per 80-lb. bag, \$4.80. Get our price for larger quantities.

**AGRICO FOR TURF 6-8-2.** Price: Per 80-lb. bag, \$4.50. Get our price for larger quantities.

**LEE MAGNESIUM GROUND LIMESTONE.** A magnesium limestone particularly suitable for soils showing a deficiency of magnesium. Price: Per 100-lb. bag, \$1.25; 500 lbs., \$5.75. Ton prices on request.

**AGRICULTURAL HYDRATED LIME.** Price: 50-lb. bag, \$1.00; 100 lbs., \$1.85. Ton prices on request.

**SUPER PHOSPHATE 20%.** Per bag, 100 lbs., \$3.10.

**PEAT MOSS FOR HORTICULTURISTS.** Finely ground (granulated) peat is of recognized value to the florist, gardener or nurseryman. Market price.

**FINE GROUND BONE.** 5-lb. bag, 70c; 10-lb. bag, \$1.30; 25-lb. bag, \$2.40; 100-lb. bag, \$5.95.

**CALCIUM CHLORIDE.** Dust layer and surface binder. Sold in 100-lb. bags only. 100-lb. bag, \$3.85. Prices for larger quantities on request.

**SCOTIA LEAF HUMUS.** 1-lb. bag, 19c; 3-lb. bag, 39c; 25-lb. bag, \$1.49.

**SCOTIA POTTING SOIL.** 1½-lb. bag, 19c; 4-lb. bag, 39c; 10-lb. bag, 80c; 25-lb. bag, \$1.49.

**AFRICAN VIOLET SOIL.** 1½-lb. bag, 19c; 4-lb. bag, 39c; 10-lb. bag, 80c; 25-lb. bag, \$1.49.



### TRI-GEN ROSE FOOD

For better Roses. A 5-10-5 Rose food made from organic (long lasting) and inorganic (quickly available) materials. Also contains the essential minor elements necessary to plant growth. Price: 5-lb. bag, 89c; 10-lb. bag, \$1.49; 25-lb. bag, \$3.25.

**PLANTABBS.** Double-duty plant food in concentrated, odorless, easy-to-use tablet form with high analysis. Small pkg. (30 tablets), 25c; postpaid, 30c. 75-tablet pkg.,

50c; postpaid, 55c. 200-tablet pkg., \$1.00; postpaid, \$1.10. Single carton (1000 tablets), \$3.50; postpaid, \$3.75.

**RA-PID-GRO.** The foliage plant food. Analysis 23-21-17. Ra-Pid-Gro is economical. Being all usable plant food, it can be dissolved at the rate of one pound to 22 gallons of water; one teaspoonful to one quart. Price: 2-oz. envelope, 25c; 8-oz. can, 69c; 1-lb. can, \$1.25; 2-lb. can, \$2.35; 5-lb. can, \$4.50; 10-lb. can, \$8.75; 25-lb. drum, \$21.00.

**OLD DEERFIELD. 8-6-4.** Green Lawn Fertilizer (Nitrogen 30% organic). Apply to lawn at rate of 10-20 lbs. per 1000 sq. ft. Sow Fertilizer only when grass is dry. 80-lb. bags. Price: Per 80-lb. bag, \$5.00; 360 lbs. to 1040 lbs., \$4.50 per 80-lb. bag; 1040 lbs. to 2000 lbs., \$4.25 per 80-lb. bag. Ton lots, \$85.00.

# GARDEN CHEMICALS



**DU PONT FRUIT TREE SPRAY.** Easy to use, simple spray schedule on package. Contains methoxychlor, Fermate and sulphur. 1-lb. canister, \$1.25; 3-lb. bag, \$2.75.

### DU PONT DORMANT SPRAY OIL.

A superior type oil for prefoliage spray on ornamentals, fruit and shade trees. Controls overwintering forms of certain insects, such as San Jose scale. Comes in 1-quart bottles. \$1.25.



### DUPONT 6% CHLORDANE.

Controls ants, cutworms and many lawn and garden insects. 1-lb. sifter can, 60c; 3-lb. bag, \$1.25.



### DU PONT METHOXYCHLOR.

Controls many insects. Long lasting action. 50% technical wettable powder. 8-oz. can makes about 17 gallons of spray for general garden use. 8-oz. can, \$1.00.



### DU PONT ROSE INSECTICIDE-FUNGICIDE.

Contains sulphur and Fermate. Controls black spot on Roses and many other flowers. 8-oz. dust gun, \$1.29; 1-lb. canister, \$1.69; 3-lb. bag, \$3.75.

**DU PONT 50% DDT.** Controls many hard to kill insects. Wettable powder. Use as spray. 1-lb. can, 90c.



**DU PONT FLORAL DUST (or Spray).** For insect and disease control on Roses and other flowers. Combines methoxychlor, Fermate, sulphur and rotenone. 8-oz. dust gun, 98c; 1-lb. canister, \$1.25; 3-lb. bag, \$2.75.



### DU PONT APHID & MITE SPRAY.

Contains 50% Malathion. Kills aphids, red spiders and many hard-to-kill insects. An emulsifiable concentrate which works well with other standard garden sprays. Two sizes, 4-oz. and 1-oz. bottles. 4 ozs. makes 16 to 24 gals. of spray. 1 oz., 49c; 4 ozs., \$1.25; 1 pt., \$3.25.

**DU PONT FERMATE.** A fungicide which is especially useful in protecting flowers and ornamentals from fungous diseases. Controls black rot of Grapes. 8-oz. can makes about 28 gallons of spray. 8-oz. can, \$1.00.



### DU PONT VEGETABLE GARDEN DUST (or Spray).

For control of insects and diseases. A combination insecticide-fungicide. Contains methoxychlor, Zineb, and rotenone. 8-oz. dust gun, 98c; 1-lb. canister, \$1.25; 3-lb. bag, \$2.75.



### DU PONT TOMATO DUST (or Spray).

Controls bugs and blights. Use every 7 to 10 days throughout growing season. 8-oz. dust gun, 89c; 2-lb. bag, \$1.25.



**SALEMS "NEW" LAWN SPREADER** with new type Quick-as-Wink feed control. For lawns, gardens, parks, golf courses, cemeteries, etc. Uniformly distributes all dry fertilizers, grass seed.

**Salem 16-inch Spreader.** Spreading width, 18 in.; hopper capacity, 22 lbs.; rubber tired wheels, shipping weight, 12 lbs. Price: \$8.70.

**New Salem 20-inch Spreader.** Spreading width 22 in.; hopper capacity 40 lbs.; rubber tired wheels, shipping weight, 19 lbs. Price: \$13.95.

**New Salem 30-inch Spreader.** Spreading width. 30 inches; hopper capacity, 80 lbs.; rubber tired wheels, shipping weight, 32 lbs. Price: \$17.95.

**Salem Heavy-Duty 36-inch Spreader.** Spreading width, 36 inches; capacity, 125 lbs. of fertilizer or other material. Steel wheels 18 inches in diameter with 2½-inch tread. Shipping weight, 80 lbs. Price: \$43.50.



## Arnold Sprayers and Cartridges



**ARNOLD GARDEN HOSE SPRAYER.** Adjustable nozzle, chrome finish. \$6.75 each.

**ARNOLD SPECIAL COMBINATION.** (Adjustable chrome sprayer, 6 assorted cartridges). \$8.95.

**COMBINATION SET WEED-O-SPRAY.** (1 Plastic Sprayer and 2 Weed-O-Spray Cartridges). \$1.75.

**WEED-O-SPRAY CARTRIDGES.** Weed-O-Spray cartridges contain a chemical known as 2-D-4. 40c each; 12 for \$4.80.

**ARSEN-O-SPRAY.** For the control of all chewing insects. 40c each; 12 for \$4.80.

**SULPH-O-SPRAY.** Will control fungous diseases which can be controlled by a sulphur spray. 40c each; 12 for \$4.80.

**FUNGUSPRAY.** A bordeaux spray for the control of certain leaf spots and blights. 40c each; 12 for \$4.80.

**P-R (Pyrethrum-Rotenone).** For control of aphid, Bean beetle, Rose chafer, thrips, etc. 40c each; 12 for \$4.80.

**DDT CARTRIDGES.** 40c each; 12 for \$4.80.

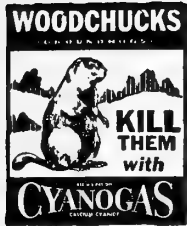
**NIC-O-SPRAY.** For control of aphid, scale, thrips, etc. 40c each; 12 for \$4.80.

**CHLORDANESPRAY.** For control of curculio on fruit, cutworms in garden, ants and chinch bug in lawn, etc. 40c each; 12 for \$4.80.

**LINDANESPRAY.** For control of aphid on flowers and shade trees, leaf miners on birch, etc. 50c each; 12 for \$6.00.



# Remedies for Insects, Fungus, Etc.



## Cyanogas

When exposed to the air, Cyanogas A-Dust gives off gas that kills these destructive pests almost instantly. One whiff is enough for any woodchuck. A heaping tablespoonful in each opening is sufficient. All openings should then be closed. Cyanogas is also certain death to rats, moles and ground squirrels.

1-lb. can, \$1.25; 5-lb. can, \$4.25; 25-lb. can, \$13.75.

**CYANO GAS G.** Fumigant for greenhouse fumigating. Price: 5-lb. can, \$4.25; 25-lb. can, \$13.75. **CYANO GAS ANT KILLER.** Ants die instantly when you drop a little Cyanogas Ant-Killer into the entrance of the nest. This 4-oz. size contains enough Cyanogas to kill a million ants. 4 ozs., 50c.

## "Nico-Fume"

### Pressure Fumigators

"Nico-Fume" Powder is now packed in hermetically-sealed cans. It is packed in both 1/2- and 1-lb. cans. Two holes are scored ready to be punched out. A special lighter is attached to the can. 12 1-lb. tins to case, \$10.70; 6 1-lb. tins, \$5.50; 1-lb. tin, \$1.00; 12 1/2-lb. tins to case, \$5.65; 6 1/2-lb. tins, \$3.00; 1/2-lb. tin, 55c.

## Antrol Ready Filled Ant Feeders

Handy, economical, safe way to kill ants—packed in display sets of four refillable feeders. Set of four filled feeders, 50c.

Antrol Ant Syrup Refill makes it possible to use Feeders again and again. 4-oz. bottle, 25c each.

**ANTROL LAWNTROL GRANULES WITH DIELDRIN.** Get long lasting protection for your lawn and garden. Kills Japanese beetle grubs, ants, pillbugs, (sowbugs), chinchbugs, chiggers, cutworms, lawn moths, and other destructive pests with this new one shot wonder insecticide. Not a dust that blows away, but a granule that falls to the soil where it goes to work fast—no mixing—no messy liquids—just sprinkle with Lawntrol granules from the handy shaker spout, or mix with a fertilizer and apply from a spreader. 1 lb. covers 350 feet. Prices: 1-lb. pkg., 69c; 2-lb. pkg., \$1.25; 5-lb. pkg., \$2.98. **ANTROL THALLIUM TYPE ANT TRAPS.** Leak proof metal traps scientifically designed to kill both sweet and grease eating ants. Price: 25c each.

**ANTROL PUSH-BUTTON ROSE SPRAY FLOWER BOMB** protects Roses, Chrysanthemums, Gladioli, Asters, Geraniums, etc., the handy push button way kills insect pests with a long lasting residual spray of Lindane and rotenone. Price: 12-oz. Bomb, \$1.49.

**ANTROL ANT SPRAY.** Contains Chlordane with handy sprayer attached. A new and easy method of killing ants in home, yard, lawn and garden. Spray it on lawns to kill Japanese beetle grubs. 1 pint, 89c; 1 quart, \$1.19.

**ANTROL AFRICAN VIOLET and HOUSE PLANT INSECT BOMB.** Handy new push button bomb kills mealy bugs, mites, aphids, exposed thrips and other pests. Price: 6-oz. bomb, 89c.

**EVER GREEN GARDEN SPRAY.** Contains only pyrethrum and is an outstanding garden spray. Non-poisonous. Kills both chewing and sucking insects. 1-oz. bottle, 35c; 6-oz. bottle, \$1.15; 1-pt. bottle, \$2.45; 1-qt. bottle, \$4.10; 1-gal. bottle, \$12.60.

## Stanley's Crow Repellent



The most effective way to prevent crows and other birds from pulling Corn is to treat the seed with something that is repellent to them. **Stanley's Crow Repellent** is excellent for this purpose.

1/2-pt. can (enough for 1 bu. Corn) .....\$0.60  
1-pt. can (enough for 2 bus. Corn) ..... 1.00  
1-qt. can (enough for 4 bus. Corn) ..... 1.75  
Mailing weight, each 2 lbs.

### CROW-FEZ

Crow-Fez for use on seed Corn gives the surest protection against Corn pests.  
1/2-pint can (enough for 1 bushel) .....\$0.50  
1-pint can (enough for 2 bushels) ..... .75  
1-quart can (enough for 4 bushels) ..... 1.25  
Mailing weight, each 2 lbs.

**HARRIS ORIGINAL ANT BUTTONS.** Package, 25c; Postpaid, 40c.

**LILLY'S ANT CUPS.** Package, 25c; Postpaid, 40c.

**BUCKEYE ANTUBE.** Economical—Safe—Quick. Used by most all Country Clubs. Household and garden size, 39c. Country Club size, \$1.00 per tube; \$9.75 per doz. tubes.

**CONCENTRATED LIQUID LIME-SULPHUR SOLUTION.** Use at the rate of 1 gal. to 9 gals. of water for dormant spray of Apples, Peaches and certain ornamentals for control of scale, leaf curl, etc. 1 qt., 65c; 1 gal., \$1.90. Weight 12 lbs. 5 gals., \$8.35; 55-gal. drum, prices on application.

**SUNOCO SPRAY OIL.** For scale insects, aphids and red mite on Apple trees. The ideal petroleum spray is an oil that will form a perfect and permanent mixture with water. 55-gal. steel drum, per gal., 63c; 2 drums or more, 61 1/2c per gal.; 5-gal. can, per gal., \$1.35; 1-gal. can, per gal., \$1.70.

**SCALECIDE.** The quality miscible oil. Dormant spray for trees, shrubs and vines. Used by leading fruit growers. 1 qt., weight 3 lbs., \$1.15; 1 gal., weight 9 lbs., \$2.75; 5 gals., \$10.75; 15 gals., \$24.92; 30 gals., \$39.26; 55 gals., \$57.40.

**SULFOCIDE.** A concentrated liquid sulphur fungicide. Used on both Apples and Peaches and all kinds of fruits, vegetables and flowers. Prices: 1 pt., \$1.00; 1 qt., \$1.50; 1 gal., \$3.00; 5 gals., \$11.50; 15 gals., \$27.75; 30 gals., \$47.50; 50 gals., \$73.00.

**DORMATONE.** Sprout inhibitor. Amazing new chemical aid for keeping Potatoes, stored under normal temperatures without sprouting. The 12-oz. sifter-top canister treats 8 1/4 bushels (500 pounds). Simply dust tubers when they are stored. Dormatone is harmless. 12-oz. sifter-top canister, \$1.00; 5-lb. can, \$5.50.



For successful Roses. Rosetone is a proven combination of vitamins and hormones. Soak roots or bushes in Rosetone before planting. Water your established Rose bushes with Rosetone for better growth. 1/2-oz. pkt., 25c; 3-oz. can, \$1.00. Add 10c for postage.

## ROOTONE

**ROOTONE**, the plant hormone powder, increases roots on cuttings, seeds and bulbs. No soaking is necessary. Just dust and plant. Stimulates germination of seeds and bulbs, and speeds up growth, thus producing earlier flowering; and in the case of vegetables, earlier crops. Stops damping-off. 1/4-oz. pkt., 25c; 2-oz. jar, \$1.00; 1-lb. can, \$5.00. Add 10c for postage for 1/4 oz. and 2 ozs.; 25c for 1 lb.

## TRANSPLANTONE

**TRANSPLANTONE**—the vitamin - hormone plant stimulant. Just mix 1 teaspoonful to a gallon of water, then water the soil around the roots. Stimulates backward plants and regenerates roots. Use on seedlings, shrubs, Rose bushes and trees. 1 oz. makes 1000 gallons solution. 1/2-oz. pkt., 25c; 3-oz. can, \$1.00; 1-lb. can, \$4.00. Add 10c for postage for 1/2 oz. and 3 oz.; 25c for 1 lb.

**Suspension Calo-Clor or Calo-Clor.** For control of turf diseases. Send for complete circular. 5-lb. canister, \$6.49 lb.; 25-lb. drums, \$6.05 lb.; 50-lb. lots, \$6.04 lb.

**Cadmate.** A cadmium compound for prevention and cure of dollar spot, etc. Price: 1-lb. can containing 32 1/2-oz. packets, \$11.20 per lb. can; 5-lb. can bulk, \$9.60 per lb.

**DIMET—Crab Grass Killer.** Contains Sodas. Kills crab grass seed before it germinates without injury to turf. In powder or liquid for use in watering cans and sprinklers. Powder form, trial size, 39c; home size, \$2.95.

**SNAROL FOR SLUGS and SNAILS.** (In pellet form). 1-lb. pkg., 50c; 2 1/2-lb. pkg., \$1.00; 6-lb. pkg., \$2.00.



## Tri-ogen Spray

(Contains Fermate)

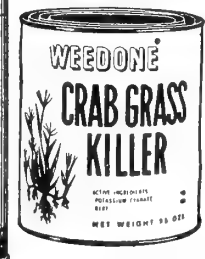
Concentrated insect spray and fungicide. Attractive new kit. Tri-ogen spray is a proven product and is the outstanding Rose spray—it has everything—all the previous advantages found only in Tri-ogen—plus Fermate. "E" Kit, \$1.50; "A" Kit, \$2.35; "B" Kit, \$6.00; "C" Kit, \$9.00; "D" Kit, \$30.00.

**TRI-GEN 3-WAY ROSE DUST Famous Formula, All-Purpose Dust.** Here is Tri-ogen in powder form for gardeners who prefer to "dust." Balanced blend of DDT, Lindane, chlorosulfonate, sulphur, DuPont Fermate and other ingredients. Controls both sucking and chewing insects; blackspot, mildew and certain blights. Price: 1-lb. can, \$1.19; 5-lb. can, \$5.00; 25-lb. drum, \$23.75.

**TRI-GEN ROSE BOMB.** Combination insecticide-fungicide Rose and flower bomb. Kills insects. Controls certain fungus diseases. Use on both inside and outside plants. Price: \$1.69.

**TRI-GEN 3-WAY ROSE DUST GUN.** Handy, ready to use refillable gun. Price: 98c.

**VOLCK'S OIL SPRAY.** A summer oil spray and spray carrier for use against mealy bugs, scale insects, red spider and white flies on plants. (Replaces "Nursery Volck" and "Volck Nursery and Garden Volck.") 4-oz. size, 35c; 16-oz. size, 70c; 32-oz. size, \$1.25; 1-gal. size, \$3.00; 5-gal. size, \$9.95.



**Weedone Crab Grass Killer.** Contains potassium cyanate. Kills crab grass and chickweed without killing the grasses. Completely soluble in water. Non-poisonous to humans or animals. Harmless to the soil. Breaks down into a fertilizer. Grass seed can be sown any time after treatment. Quicker acting and less expensive than ready-to-use dry formulations. Price: 6 1/2-oz. size (enough to treat 500 sq. ft. of mature crab grass or 1,000 sq. ft. of seedling), \$1.25; 26-oz. can, \$3.75; 6-lb. can, \$9.70.

**THE NEW IMPROVED WEEDONE.** Contains the powerful 2,4,5-T and 2,4-D, the two most effective chemicals for killing lawn weeds, poison ivy, poison oak, honeysuckle, wild blackberries, wild raspberries and over 90 other weeds and woody plants without killing the grass. Non-poisonous to animals or humans. Kills a greater variety of lawn weeds and woody plants than any products containing only one of these chemicals. Does not give off vapors that cause injury to flowers or ornamentals. Prevents re-sprouting of tree stumps. The only all-purpose weed killer. Price: 8-oz. can, \$1.00; 1-qt. can, \$2.75; 1-gal. can, \$6.75; 5-gal. can, \$24.75.

**WEEDONE BRUSH KILLER 32.** This concentrated butoxy ethanol ester formulation is highly effective in killing brush and weeds in parks, playgrounds, pastures, roadsides, waterways, and any wooded area. Prevents re-sprouting of stumps. Price: 8-oz. can, \$1.49; 1-qt. can, \$3.75; 1-gal. can, \$7.95. Larger quantities on request.

# Remedies for Insects, Fungus, Rats and Mice, Etc.

**BLACK LEAF 40.** (Nicotine Sulphate, Nicotine 40 Per Cent.) Is the best known remedy for Potato lice, thrips, leaf hoppers, etc., and other similar insects. Use about 1 to 1000 or 1 oz. will make 6 gallons of solution. 1 oz., 39c; 5 ozs., \$1.19; 1 lb., \$2.69; 2 lbs., \$4.79; 5 lbs., \$7.60; 10 lbs., \$14.70; 50-lb. drum, \$71.00.

**HERBICIDE.** A powerful and economical chemical for destroying unsightly weed growth on paths, driveways, cobble gutters, tennis courts, etc. 1 gallon of Herbicide diluted with 50 gallons of water will cover approximately 1000 sq. ft. Kills poison ivy and other noxious forms of vegetation. Price: 1-qt. can, \$1.00; 1-gal. can, \$2.50; 5-gal. can, \$10.00; 30-gal. drum, \$36.00; 55-gal. drum, \$57.50.

**GRAFTING WAX.** Prices: 1/4 lb., 40c; 1/2 lb., 55c; 1 lb., 80c.

**CREOSOTE FOR GYPSY MOTHS.** For the destruction of the eggs of gypsy moth. Qt., 60c; shipping weight 3 lbs.; gal., \$1.30, weight 9 lbs.; 5-gal. can, \$6.00.

**CABOT'S TREE HEALING PAINT.** 1 qt., 55c; 1 gal., \$1.60; 5 gals., \$7.00. Barrel lots, price on request.

**FORMACIDE.** (Hammond's.) Stabilized formaldehyde dust seed and soil disinfectant used as a control of damping off. 1-lb. can, 95c; 5-lb. can, \$2.50; 25-lb. drum, \$11.00.

**CARBOLINEUM.** Of the numerous preservative compounds on the market Carbolineum stands alone as time-tried and thoroughly tested. 1-gal. can, \$1.90, weight 11 lbs.; 5-gal. can, \$9.00.

**RED ARROW INSECT SPRAY.** Effective and non-poisonous. Will not stain or injure tender flowers. A contact spray that will kill both sucking and chewing insects. 1-oz. bottle, 35c; 4 ozs., \$1.00; 1 pt., \$2.85; 1 qt. \$5.00; 1 gal., \$18.20.

**PRATT'S SODIUM ARSENITE WEED KILLER.** A non-selective weed killer at super strength. One part to 40 parts of water kills weeds in walks, roadways, tennis courts and yards. Not for use on lawns or in gardens. Price: 1-qt. can, 75c; 1-gal. can, \$2.15; 5-gal. can, \$9.00.

**TREE TANGLEFOOT.** Controls all destructive and climbing insects. Easy to apply; positive protection; non-injurious to trees. 6 ozs., 90c; 1 lb., \$1.50; 5 lbs., \$7.00.

**ACP ROSE and FLORAL DUST.** Used as a dust or spray. Complete protection against disease, insects and mites. For use on flowering plants and shrubs. Contains Lindane, DDT, Ferbam, Sulphur. It is a fungicide, insecticide, aphicide and miticide all in one. 8-oz. pump gun, \$1.00; 1-lb. canister, \$1.49; 3-lb. canister, \$3.59.



## NOTT PRODUCTS

**RAT-NOTS.** A safe, scientific way to exterminate rats. Prepared bait containing Red Squill—NOT A POISON. Household size, 35c; Estate size, \$1.00.

**MOUSE-NOTS.** A meaty, easily hulled, treated seed bait which appeals to the finicky taste of mice and it is "THEIR LAST MEAL." Household size, 35c; Estate size, \$1.00.

**ROACH-NOT POWDER.** Prepared powder bait for roach pests that infest damp homes, cellars, stores, factories, warehouses. Certain to kill them in droves. 3-oz. can, 35c.

**MOLE-NOTS.** Kills moles in their holes. An attractive rodent food for these pests and will help exterminate them. Household size, 35c; Estate size, \$1.00.

**KILMICE.** A treated, tasty, impregnated seed bait which quickly destroys mice in house and garden. Easy to use—clean, sanitary, no mixing—no traps needed. "THEIR LAST MEAL." Large 2 1/2-oz. pkg., 25c.

**DOG-CHECK.** An effective proven curb to canine habits, needed by all whose neighbor's dogs "visit" and wither flowers, shrubs, hedges and saplings. One spraying usually lasts from 2 to 3 weeks. Unaffected by light rain. 3-oz. bottle, 60c; 8-oz. bottle, \$1.00.

## D-CON RODENTICIDES

D-Con kills rats and mice. For use on farms, homes, shops, stores and factories.

**D-CON READY MIX.** Prepared bait—ready to use. Price: 1-lb. package, \$1.69.

**D-CON CONCENTRATE.** Makes 6 lbs. of bait. Price: 8-oz. package, \$2.98.

**D-CON MOUSE PRUFE.** Prepared bait. Ready to use handy household size package, 89c. New 2-oz. handy pantry size package, 49c.

**D-CON ROACH PRUFE.** Just brush on where roaches, silver fish, water bugs or ants crawl. 1/2-pint size with special brush, \$1.19.

**D-CON ANT PRUFE.** Just brush on where ants crawl or pour directly into ant hills. 1/2-pint size with special brush, \$1.19.

D-Con is safe to use around children and animals when used as directed. The D-Con formula has been recommended by the U. S. Public Health Service and the U. S. Fish and Wildlife Service.

## Niagara Rat and House Bait

**CODE 1124.** Safe, effective, easy to use in closets, cellars, garages, barns, and many other places where rats and mice are a problem. 1-lb. can, \$1.40; 3-lb. canister, \$3.50.

**RAT-NIP.** Mows them down with ease. Quickly kills even the foxiest old ones. 25 years success. Tube, 49c.

**BLACK LEAF WARFARIN.** Rat and mouse killer concentrate. Mixing is simple. 4/5-oz. pkg., 49c; 4-oz. pkg., \$1.69; 8-oz. pkg., \$2.98.

**SLA-RAT.** A Nott product containing the death dealing Warfarin. This is a prepared bait, no mixing necessary. 1-lb. can, \$1.00.

## Carbola Paints and Also Disinfects

**CARBOLA WITH LINDANE.** A white paint and powerful disinfectant combined in powder form. Easily, quickly applied to interiors with brush or spray pump. Disinfects, dries pure white. Price: 1 lb., 35c; 5-lb. pkg., 89c; 10-lb. pkg., \$1.45; 25-lb. carton, \$3.35; 10-lb. carton, \$5.95.

### SUDBURY LIQUID

#### CHAPERONE.

Dogs stay away from anything sprayed with Sudbury Liquid Chaperone. You don't smell it—but dogs do. Protects shrubs, trees, flowers, vegetables, garbage pails, etc. Harmless—does not show. Each application lasts up to 3 weeks, rain or shine. Also effective with cats, other animals. 4-oz. bottle, \$1.00; 8-oz. bottle, \$1.49.

Liquid Chaperone has also proved effective for keeping rabbits and other rodents out of gardens. Specify Rabbit Chaperone, if wanted.

**DOOM. Milky Disease Spore Dust.** Kills the grub of the Japanese beetle in the soil. Grubs of the Japanese beetle when present in large numbers will completely destroy your lawn. Treat your lawn in the summer, spring or fall and kill the grubs of the Japanese beetle in the soil. 1 lb. will treat 4000 sq. ft., 10 to 11 lbs. will treat one acre. 1/2-lb. can, \$3.00.

## No-Seed Hormone Blossom-Set

29% more Tomatoes with No-Seed Hormone. Greater yield, superior quality, larger fruits, earlier, meatier, seedless Tomatoes. Also for other crops, effective on Cucumbers, Peppers, Eggplant and Squash. Increases set and gives greater yield.

4-oz. bottle (dilutes to 1 gal.) .....\$0.75  
1-pt. bottle (dilutes to 4 gals.) ..... 1.75



## DU PONT PRODUCTS



**SEMESAN.** For vegetables and flower seeds and bulbs. Generally preserves seeds against rotting in cold, wet soils; controls damping-off or seedling blight and certain other seed-borne diseases. Helps promote increased germination, sturdier growth, larger yields, better grade produce. 4-oz. can, \$1.20; 12-oz. can, \$3.40; 25-lb. pail, \$95.90.

**ARASAN.** For Corn, Soybeans, vegetables. Dry application only. Usually reduces losses from seed decay and damping-off. A disinfectant and a protectant. 3/4-oz. pkg., 25c; 8-oz. can, \$1.00; 2-lb. can, \$3.20; 10-lb. bag, \$11.50.

**NEW IMPROVED CERESAN.** Highly effective as a dip treatment for control of bulb rots of Gladiolus, particularly basal rot. 1-lb. can, \$1.60.

**DU PONT I. & D. SEED PROTECTANT.** Insect and disease control for Beans, Corn, and other crops in one combined product. 7-oz. can, \$2.00. Treats 4 bus. seed.

**SEMESAN BEL.** For both Irish and Sweet Potatoes. Treat Irish Potatoes to reduce seed rotting, surface seed-borne rhizoctonia and scab. 3-oz. can, \$1.05; 1-lb. can, \$3.30; 4-lb. can, \$10.65; 40-lb. pail, \$99.80.

**SPECIAL SEMESAN.** For lawns, golf courses and other fine turfs. A fungicide used especially to prevent or control large brown patch and dollar spot. Apply as a liquid. 1 1/2-lb. can, \$4.95; 25-lb. pail, \$68.70; 100-lb. drum, \$260.80.

**TERSAN 75.** (75% Thiuram). Tersan 75 is highly concentrated. Exceptionally safe and effective for prevention or control of large brown patch and dollar spot and snow mold on golf courses, lawns and other fine turfs. 5 1/3-oz. can, \$1.00; 3-lb. bag, \$6.75; case of 12 3-lb. bags, \$62.00.

**DU PONT F-531.** A cadmium fungicide for the control of dollar spot on golf courses, lawns and other fine turfs. 25-lb. pail, \$37.50; 100-lb. drum, \$140.00.

**DU PONT AMMATE WEED KILLER (Ammonium Sulfamate).** For poison ivy, poison oak, etc. Ammate is applied as a water solution from a sprinkling can or sprayer or as a dry application. Use at the rate of 1 to 1 1/2 lbs. per gallon of water per 100 sq. ft. of area. To kill all vegetation in driveways, tennis courts, etc., apply Ammate dry or as a spray at the rate of 4 lbs. per 100 sq. ft. Price: 2-lb. jar, \$1.15; 6-lb. jar, \$2.95; 50-lb. drum, and 75-lb. bag, ask for prices.

**DU PONT TELVAR W WEED AND GRASS KILLER.** Keeps the ground bare, helps eliminate fire hazards, reduces maintenance costs. Price: 2-lb. canister, \$4.55; 10-lb. fibre drum, \$4.05 lb.; 50-lb. fibre drum, \$3.75 lb. Ask for special prices for industrial consumer.

# NIAGARA GARDEN PRODUCTS

## Code 1100 . . . POMO-GREEN

### DUST or SPRAY

#### For Roses and Ornamental Plants

1. **Contains:** Aramite, Lindane, Methoxychlor, Ferbam, and Sulphur.
2. Is leaf green in color to blend with foliage.
3. Multi-purpose; can be used either as a Dust or a Spray to control insects, diseases and mites: Aphis, Thrips, Japanese Beetles, Rose Chafer, Leafroller, Leafhopper, Rose Weevil, Lacebugs, Caterpillars, Red Spider Mites and many other chewing and sucking insects.
- Black Spot, Powdery Mildew, Rust and other less important diseases. 8-oz. dust gun, \$1.40; 1-lb. canister, \$1.50; 3-lb. canister, \$3.80.

## Code 1105 . . . ORNAMENTAL

### DUST or SPRAY

#### For Spruce, Evergreens, Shrubs, Flowers, and Shade Trees.

1. **Contains:** Lindane, Methoxychlor, Aramite and Ferbam.
2. Multi-purpose dust or spray for control of SPIDER-MITES—(Aphis, Thrips, Japanese Beetle, Rose Chafer, Leafroller, Leafhopper, Rose Weevil, Lacebugs, Caterpillars, and many other chewing and sucking insects. Black Spot, Powdery Mildew, Rust and other less important diseases.)
- 8-oz. dust gun, \$1.50; 1-lb. canister, \$1.65; 3-lb. canister, \$4.25.

## Code 1101 . . . Kolo Fruit Tree

### DUST or SPRAY

1. **Contains:** KOLLO-Sulphur, DDT, and Malathion; all of extremely fine particle size and super-adhesive qualities.
2. Formulated for complete insect and disease control during the growing season.
3. Stays in suspension with only light agitation and gives a uniform deposit on the foliage.
4. Multi-purpose; can be used either as a Dust or a Spray to control insects, diseases, and mites: Codling Moth, Curculio, Tent Caterpillar, Case Bearer, Rose Chafer, Plant Bug, Leafhopper, Japanese Beetle, Apple Maggot, Oriental Fruit Moth, Twig Borer, Mites and many other chewing and sucking insects.
- Peach, Apple, and Pear Scab, Powdery Mildew, Brown Rot of stone fruits and many other less important diseases. (3 lbs. makes 25 gals. of dilute spray.) 1-lb. canister, \$1.10; 3-lb. canister, \$2.65.

## Code 1112 . . . LEAD ARSENATE

1. Control of fruit and leaf-eating insects on Fruits, Vegetables and Ornamentals.
2. Excellent for control of Bagworms on Ornamentals—Codling Moth, Plum Curculio, Japanese Beetle, Colorado Potato Beetle, Lawn Moth, Diabrotica Beetle, Hornworm and many others.
- 1-lb. canister, \$1.25; 3-lb. canister, \$3.00.

### Code 1102

## GARDEN DUST OR SPRAY

### INSECTICIDE—FUNGICIDE—REPELLENT

#### For Flowers, Vegetables, Cukes and Melons

1. **Contains:** 1% Rotenone, Pyrethrins, Piperonyl Butoxide, and Neutral fixed Copper.
2. **Controls:** (a) Copper responding fungus diseases, Blight, Powdery and Downy Mildew, Leaf Spots and other minor diseases.
- (b) Insects—Striped and Spotted Cucumber Beetles, Melon Aphis, Squash Bugs, Cabbage Worm, Leafroller, Colorado Potato Beetle, Flea Beetle, Asparagus Beetle. (Contains no lime.)
- 8-oz. dust gun, \$1.25; 1-lb. canister, \$1.25; 3-lb. canister, \$3.00.

## Code 1115 . . . Garden Oil Spray

1. **Contains:** High Quality Oil for both summer and dormant spraying of Evergreens, Fruit Trees, Azaleas, Camellias, and shade trees.
2. **Controls:** Scale Insects, Red Mites, Mealybugs, White Fly, Pear Psylla, and egg stages of many other insects.
3. Excellent leaf polish for tropical plants and other waxy foliage.
- 1-pt. bottle, \$1.00; 1-gal. jug, \$6.00.

## Code 1117 . . . Household Spray

1. **Contains:** Lindane, DDT, Pyrethrins, Piperonyl Butoxide and Cedar Oil.
2. **Controls:** Flies, Mosquitoes, Moth, Roaches, Wasps, Ants, and many other household pests.
3. This is a liquid spray, combining several chemicals for controlling many household pests, including the hard-to-kill crawling type; such as Silverfish, Water Bugs, Crickets, Spiders, etc. Leaves no unsightly residue when used as directed.
- 1-pt. bottle, 85c; 1-gal. jug, \$5.20.

### Code 1116

## MALATHION 50 LIQUID

1. **Contains:** 50% Malathion.
2. **Controls:** Aphis, Thrips, Spider Mites, Bean Beetles, Juniper Scale, Japanese Beetles Adults, Birch Leaf Miner, Bagworms, Pine Moth and Mealybugs on Evergreens, Roses, Ornamentals, Shrubs, Trees.
3. Controls flies around garbage areas.
- 4-oz. bottle, \$1.05; 1-pt. bottle, \$3.15.

## Code 1106 . . . CHLORDANE 6

### DUST or SPRAY

1. **Contains:** 6% Chlordane.
2. **Controls:** Cutworms, Ants, Roaches, Japanese Beetles, Grasshoppers, Earwigs, Leaf Miners on Birches and Elms, Grubs, Termites.
- Cutworms attack Tomatoes, Cabbage, Eggplant, Peppers, Onions, Cauliflower, Broccoli, and many other vegetable plants and flower seedlings. In order to control this insect, we would suggest that you dust Chlordane 6 Dust or Spray on the surface of the soil, and after the plants have been set, a dusting of this material on each side of the row or in a circle around the plant once a week for a period of two to three weeks will effect control of this pest. 1-lb. canister, 95c; 3-lb. canister, \$2.20.

### Code 1121

## CHLORDANE 45 LIQUID

1. **Contains:** A concentrated Chlordane that, when diluted with water makes an economical spray for cabinets, basements, garages, utility rooms and lawns.
2. **Controls:** Roaches, Spiders, Ants, Earwigs, Carpet Beetles, Sand Fleas, Bed bugs, Chiggers, Lawn Moths, Cutworms, Chinch Bugs, Termites and many others. (Economical and easy to use.)
- 4-oz. bottle, \$1.00; 1-pt. bottle, \$2.70; 1-gal. jug, \$16.50.

## Code 1107 . . . 10% Chlordane

### For ANTS and Many Other Lawn and Garden Insects

- Such as: Grubs, Sod Webworms, Cutworms, Grasshoppers, Ants, Earwigs, Termites, Crickets and Leaf Miners on Elms and Birches.
1. Easy to use.
  2. Long residual action.
  - 1-lb. canister, \$1.05; 3-lb. canister, \$2.50.

## Code 1128 . . . LINDANE LIQUID

### For Roses, Flowers and Shrubs

1. **Contains:** 12% Lindane in emulsifiable form.
2. **Controls:** Aphis, Thrips, Japanese Beetles, Lacebugs, Lawn Moth, Midges, Birch Leaf Miner, Mole Crickets, Chinch Bugs, Earwigs, Flies, Ants, Mosquitoes, Roaches.
3. **Economical:** (1 pint makes 50 gals. of spray.)
- 1-pt. bottle, \$2.30.

## Code 1127 . . . Lindane 25 Spray

1. **Contains:** 25% Lindane in wettable powder form.
2. **Controls:** Aphis, Thrips, Japanese Beetles, Lacebugs, Lawn Moth, Midges, Birch Leaf Miner, Mole Crickets, Chinch Bugs, Earwigs, Flies, Ants, Mosquitoes, Roaches.
3. **Economical:** (1 lb. makes 100 gals. of spray.)
4. **Seed Treater:** 4 ozs. treats 100 lbs. of seed on Corn, Beans, Peas, Milo, Barley, Wheat and Okra to control Wireworms, Maggots and other soil insects which damage seed.
- 12-oz. canister, \$2.90.

## Code 1111 . . . DDT 50 SPRAY

1. **Contains:** 50% DDT of highest quality with Super-fine particle size for uniform deposits on foliage.
2. **Controls:** Thrips, Flea Beetles, Leafhoppers, Colorado Potato Beetles, Cabbage Worms, Diabrotica Beetle, Codling Moths, Rose Chafer, Tarnished Plant Bug, European Corn Borer, Earwig, Tomato Hornworm, Sod Webworms and Chinch Bugs in lawns. Effective against mosquitoes and house flies in yards and picnic areas.
- 1-lb. canister, \$1.40; 3-lb. canister, \$3.50.

## Code 1129 . . . FERBAM SPRAY

### A Fungicide

- For use as a spray in the control of Leaf Spot, Rust, Black Rot, Bitter Rot, Fruit Spot, Black Spot, Powdery Mildew, Downy Mildew and anthracnose, also many other plant diseases attacking fruits, vegetables, flowers, and ornamentals. Mixes readily in water. (Half pound makes 50 gals. dilute spray.)
- 1-lb. canister, \$2.00.

### Code 1126

## METHOXYCHLOR 50 SPRAY

- For Fruits, Vegetables, Flowers and Ornamentals.**
- An excellent insecticide for controlling: Bean Beetle, Plum Curculio, Oriental Fruit Moth, Japanese Beetle, Squash Vine Borer, Fall Armyworm, Cabbage Worm, Asparagus Beetle, Web Worm, and certain other insects attacking fruits, vegetables, flowers and ornamentals. (1 lb. makes 50 gals. of Spray.)
- 1-lb. canister, \$2.75.

## Code 1103 . . . ROTENONE

### DUST or SPRAY

#### For Many Insects on Vegetables and Flowers.

1. **Contains:** 1% Rotenone.
2. **Controls:** Pea Aphis, Bean Beetles, Cucumber Beetles, Diabrotica Beetle, Potato Beetle, Flea Beetle, Asparagus Beetle, Cabbage Looper, Caterpillar, Squash Borer.
3. SAFE and easy to use. (Non-poisonous.)
- 1-lb. canister, 95c; 3-lb. canister, \$2.25.

## Code 1113 . . . BORDO SPRAY

A Neutral Copper Fungicide for improved protection against plant diseases.

1. **Controls:** Blights, Mildew, Leaf Spots, Early and Late Blights on Potatoes, Tomatoes, Celery, Leaf Spot and Mildew on Cucumbers, Melons and Squash. Leaf Spot on Beets, Carrots, Spinach and Cherries. Black Rot and Mildew on Grapes. Anthracnose and Leaf Spot (early application ahead of infection) on Bramble Fruits, Raspberry, Blackberry, Dewberry, Strawberry, Gooseberry, and Currant. Black Spot and Mildew on Roses. (Contains no lime.)
- 1-lb. canister, \$1.05; 3-lb. canister, \$2.45.

## Code 1109 . . . BLIGHT DUST

A Neutral Copper Fungicide for use in the control of Early and Late PLANT BLIGHT on TOMATOES, POTATOES, CELERY and many other Fungus Diseases on vegetables and Ornamentals. (Do not use on Beans.)

- 1-lb. canister, 85c; 3-lb. canister, \$1.80.

## Code 1104 . . . DDT 5 DUST

### For Fruits, Vegetables and Flowers.

1. **Contains:** 5% DDT.
2. **Controls:** Gladiolus Thrips, Rose Chafer, Japanese Beetle, Leafhopper, Hornworm, Flea Beetle, Onion Thrip, Corn Borer, Corn Earworm, Tomato Worm, Cabbage Looper, Oriental Fruit Moth and many other chewing and sucking insects.
3. Gladiolus, Asters, Dahlias, Peonies, Carnations and many others.
- 1-lb. canister, 80c; 3-lb. canister, \$1.70.

## Code 1110 . . . Potato and Tomato

### DUST or SPRAY

1. **Contains:** DDT and Neutral Copper.
2. **Controls:** Insects and Diseases on Potatoes and Tomatoes such as: Early and Late Blight, Colorado Potato Beetles, Flea Beetles, Leafhoppers, Hornworms, Tomato Worms and many other minor insects and diseases.
- 1-lb. canister, 95c; 3-lb. canister, \$2.25.

## Code 1118 . . . 2,4-D Weed Killer

### Amine Form

Kills Dandelion, Plantain, Poison Ivy, Pigweed, Ragweed, Bindweed in lawns, parks, golf courses, fence rows, roadsides, ditches, and pastures. This material will not harm the desirable grasses when used as directed. (6 level teaspoonfuls will make 1 gallon of spray which will cover 200 square feet.)

- 4-oz. bottle, 70c; 1-pt. bottle, \$1.00.

## Code 1119 . . . BRUSH KILLER

### A Low Volatile Ester Formulation.

1. **Contains:** 2, 4, 5-T Plus 2, 4-D.
2. **Controls:** Woody plants wherever hard-to-kill brush is a problem in fence rows, parks, pastures, electric lines, highways, pipe lines, water ways and railroad rights-of-way.
- 4-oz. bottle, \$1.10; 1-pt. bottle, \$2.95.

## Code 1114 . . . SULPHUR

### DUST or SPRAY

1. Controls many plant diseases.
2. **Powdery Mildew** on Roses, Phlox, Zinnias, Sweet Peas, Lilacs, etc.
3. **Rust** on Snapdragons and Carnations.
4. **Brown Rot** on stone fruits.
5. **Scab** on Apples, Pears, Peaches.
6. Effective in control of Red Spider on evergreens and other ornamentals.
- 24-oz. canister, 90c; 4-lb. canister, \$1.90.



# Insecticides and Fungicides

## Niagara Brand

### Peach Sprays and Dusts

See **KOLOFOG**, Code 323 for preferred sulphur spray or Kolodust, Code 216, for preferred sulphur dust.

**CODE 192 KOLODUST PHOSKIL 1 DUST.** An effective combination of sulphur and parathion for the control of curculio, mites, Oriental fruit moth, brown rot and scab. Packed in 50-lb. bags. Price: \$12.90 per 100 lbs.

**KOLODUST METHOXIDE 5 DUST,** Code 195. For the control of curculio and brown rot on Peaches. Packed 50-lb. bags. Price: \$16.15 per 100 lbs.

**CODE 829 KOLODUST NIATOX 5 DUST.** Contains 89% Kolodust and 5% DDT for brown rot and Oriental fruit moth control. Packed in 50-lb. bags. Price: \$12.60 per bag.

### Copper Fungicides

Sprays and Dusts—for use on Potatoes and vegetables—with and without poison.

**COCS NEUTRAL COPPER SPRAY,** Code 557. Contains 55% metallic copper in the form of copper oxychloride sulphate. The best neutral copper spray. Especially effective in controlling blight on Tomatoes, Potatoes, cucurbits, Celery, etc. Mixes readily with DDT, 5%, wettable rotenone powder, lead arsenate, etc. Use 3 lbs. per 100 gals. Packed 36-lb. carton, 12 3-lb. bags. Price: \$28.40 per carton.

**COCS COPODUST,** Code 570. Fungicide only. Contains the highly effective neutral copper oxychloride sulphate in dust formulation. Contains no lime. For control of blight on Potatoes, Celery, Tomatoes, etc. Do not use on Grapes or Beans. Packed in 50-lb. bags. Price: \$13.35 per cwt. Also packed in 1-lb. and 3-lb. canisters. See code 1109.

**CUCURBIT DUST,** Code M535. Best all-purpose dust for Cucumbers, Melons and Squash. Controls striped cucumber beetles and other rasping or chewing insects as well as blight and mildew. Packed in 50-lb. bags. Price: \$7.00 per bag. Get our price on larger quantities.

**COCS NIATOX 3 DUST,** Code 827. Contains 11.32% copper oxychloride sulphate for control of blight and 3% DDT for control of insects. Especially recommended for use on Potatoes. Packed 50-lb. bags. Price: \$14.50 per cwt.

**COCS NIATOX 5 DUST,** Code 824. Identical to Code 827 except that it contains 5% DDT in place of the 3% DDT in the Code 827. For use on Potatoes where a 5% DDT formulation with copper is preferred. Packed 50-lb. bags. Price: \$15.45 per cwt.

**COCS METHOXIDE 3 DUST,** Code 83. New combination Insecticide-Fungicide dust formulated with COCS. A superior basic copper Fungicide and Methoxychlor. A proven organic insecticide. Recommended for use on all cucurbit crops. For control of a wide variety of insects and diseases which affect the cucurbit family. Packed in 50-lb. bags. Prices on request.

### Dormant Spray

**NIAGARA MISCIBLE OIL.** 97% oil. A free-flowing oil which mixes readily with water, for use as an oil spray in dormant stage on Apples, Pears, etc. Use 3 gals. per 100 gals of water. Packed in 54-gal. steel drums, price on request.

**DINITRO DRY.** Code 605. A 40% Dinitro Ortho cresol used in dormant periods to control aphids, bud moth, oyster shell scale, Pear psylla, and Peach leaf curl. Packed in 1-lb. bags, 24 to a case. Price: 67c per lb. in case lots.

### Arsenical Insecticide

**ARSENATE OF LEAD,** Code 366. A highly effective insecticide for control of leaf chewing insects on Apple trees, ornamentals and certain other crops. Kills bugs and worms on plants. Very valuable for control of Japanese beetles and white grubs and worms in lawns, greens and other fine turf areas. Can be dusted or applied in water suspension. 4-lb. bags. Get our prices.

### New Organic Insecticides and Fungicides

Many have specific uses only. Space too limited to give full detail. Consult your agricultural experiment station or our spray service field men.

**PURATIZED AGRICULTURAL SPRAY,** Code 837. Phenyl mercuri ammonium lactate. A specific for Apple scab control and eradication. Also used to control anthracnose on certain shade trees, also a disinfectant in controlling ring rot of Potatoes. Packed in 1-gal. and 1-pt. containers. Price: \$11.55 per gal.; \$1.65 per pint in case lots of 24 pints.

**NIAGARA CARBAMATE,** Code 93. The active ingredient is 76% ferric dimethyldithiocarbamate which is also the active ingredient in "Fermate." Both are identical in use. Niagara Carbamate mixes readily with water. Principal use on Apples, Pears, Raspberry canes, Cabbage and tobacco seed beds, Cranberries, Grapes, Roses, etc., for control of scab, anthracnose, leaf spot, mildews, etc. Packed 30-lb. carton, 10 3-lb. bags. Price: 59c per lb. Get our prices on larger quantities.

**NIAGARA CARBAMATE DUST,** Code 240. Active ingredient ferric dimethyldithiocarbamate. Used for same purposes as Niagara Carbamate, Code 93, where a dust is preferred. Packed 50-lb. bags. Price: \$9.95 per 100 lbs. Also available in combination with lead arsenate and DDT. Prices on request.

**NIAGARA KOLO CARBAMATE 200.** Code 44. A formulation of fused bentonite sulphur and ferric dimethyldithiocarbamate as a spray for Apples, etc., where a combination of sulphur and Carbamate or Fermate is desired. Use at rate of 3½ lbs. per 100 gals. on Apples. Packed 12 3½-lb. bags per carton. Price: \$9.55 per carton.

**NIAGARA PHYGON-XL.** Contains 50% 2, 3 Dichloro, 1,4 naphthoquinone for use as a fungicide spray to control diseases of Apples, Beans, Celery, Cherries, Peaches, Roses and Tomatoes. Packed 48-lb. carton, 12 4-lb. bags. Price: \$1.50 per lb.

**NIAGARA PHYGON DUST.** Contains 8% Phygion-XL for the same purposes as Phygion-XL Wettable where a dust is preferred. Packed 50-lb. bags. Prices on request.

**NIAGARAMITE.** We have the new organic Miticide-Aramite which is excellent for the control of red mite and red spider in orchards and nurseries. This material is formulated as a wettable powder, a dust and as an emulsion. Packed case 16 3-lb. bags. Price: 69c per lb. or \$30.72 per case.

**SYSTOX,** Code 809. Entirely new insecticide which penetrates to sap stream of plant and makes foliage and fruit of certain plants toxic to mites and aphids for a considerable period of time. Packed in 1-gal. cans (6 to a case). Price: \$32.00 per gal.

**METHOXIDE 50 WETTABLE POWDER,** Code 94. Contains same active ingredients as "Marlate." For use on fruit and vegetables for control of curculio, cucumber beetles, Cabbage worms, Mexican Bean beetle, flea beetle, etc. This form of DDT is practically non-toxic to warm blooded animals when used as directed. Packed 48-lb. cartons, 12 4-lb. bags. Also comes as 5% dust. Prices on request.

**CODE 22 NIAGARATRAN 50 WETTABLE.** (Ovex.) Similar to Quotran. Used in control of certain mites on Apples, Peaches, Shade Trees and ornamental plantings. Packed 5 5-lb. bags per carton. \$1.00 per lb.

### Rotenone and Pyrenone Insecticide Formulations

(Non-Poisonous to Animals and Humans)

**1% ROTENONE DUST,** Code 345. A potent and powerful rotenone dust used for control of Cabbage worms, Bean beetle, flea beetle and wherever a strong rotenone dust is required. Packed 50-lb. bags. \$7.25 per bag. Get our price on larger quantities.

**¾% ROTENONE DUST,** Code 353. An all-purpose strong rotenone dust. Best for all-around use. Packed 50-lb. bags. \$6.25 per bag. Get our prices on larger quantities.

**COPPER ROTENONE DUST,** Code 848. Contains COCS (copper oxychloride sulphate) as the fungicide and .75% rotenone as the insecticide. For all-purpose dusting on Tomatoes, cucurbits and wherever a fungicide and rotenone are required. Do not use on Grapes or Beans. Packed 50-lb. bags. \$9.95 per bag. Get our price on larger quantities.

**5% ROTENONE SPRAY,** Code 92 Ro-Kil Spray. A 5% wettable powder rotenone spray formulation that is best for Bean beetle control, red spider, aphids and many other bugs and worms where a strong wettable powder rotenone spray is indicated. Packed 40-lb. carton, 8 5-lb. bags each. Price: 5-lb. bag, \$4.75; 40-lb. carton, \$32.95.

**PYRENONE 606 SPRAY,** Code 314. A non-poisonous and non-injurious to Man, Livestock and Foodstuffs spray for the control of many insects in such places as bakeries, hotels, fruit storages, institutions, etc. Contains pyperonyl butoxide and pyrethrins. See us for further information.

**PYRENONE DUST,** Code 1051. Contains technical piperonyl butoxide and pyrethrins for the control of young Cabbage loopers, imported Cabbage worm on Cabbage, Cauliflower and Spinach. Also controls red aphids on Lettuce. Packed 50-lb. bags. Price on request.

### DDT Spray and Dust Formulations

Insecticide formulation only. See other listing for combinations DDT and Fungicides.

**NIATOX 50 SPRAY,** Code 72. A highly effective formulation of a 50% DDT wettable powder. Use at rate of 2 lbs. per 100 gals. water for control of flea beetle, leaf hopper, Japanese beetle, Potato bugs, etc., wherever a 50% DDT wettable powder is recommended. Where a fungicide is needed, as on Potatoes, we recommend using COCS. Spray with DDT. For use on turf for control of Japanese beetle and white grubs, use 50 lbs. per acre. Packed 50-lb. bags and 24-lb. cartons. 6 4-lb. bags per carton. Price: \$14.90 per 50-lb bag; \$7.87 per 24-lb. carton; \$1.70 per 4-lb. bag. Get our prices on 100 lbs. and ton or over.

**NIATOX 3 DUST,** Code 813. Contains 3% DDT plus an inert carrier. Formulated to be used as a dust for control of insects alone wherever 3% DDT is recommended, viz.: Corn borer, ear worm, Cabbage worm, flea beetle, etc. Packed 50-lb. bags. Price: \$7.00 per 100 lbs.

**NIATOX 5 DUST,** Code 814. Contains 5% DDT, otherwise same as Code 813. Recommended for use where a straight 5% DDT dust is indicated. Packed 50-lb. bags. Price: \$7.85 per 100 lbs.

**NIATOX 10 DUST,** Code 834. Contains 10% DDT. For control of Japanese beetle grubs and white grubs and ants on lawns, greens, fairways and other fine turf areas. Use 250 lbs. per acre. Also used for control of roaches in factories, mills and other buildings. Packed in 50-lb. bags and 50-lb. cartons. Price: \$9.95 per cwt. in 50-lb. bags.

**LIQUID NIATOX 25,** Code 966. A 25% DDT solution formulation to eliminate re-crystallization of the DDT in the container and to afford greatest safety and effectiveness when used on Potatoes and certain other crops as a spray for insect control. Readily emulsifiable in water and compatible with copper and most organic fungicides. Also used as a concentrate cut to 6 or 12 per cent in mist blowers. 5-gal. can; 30-gal. drum; 55-gal. drum. Prices on request.

# Insecticides and Fungicides

## Niagara Brand

**BHC 10 SPRAY**, Code 404. A wettable powder containing 10% gamma isomer BHC plus other isomers. Recommended for Cabbage maggot control, rosy aphid and curculio control in specific instances. Packed 50-lb. carton, 10 5-lb. bags. Ask us for prices and full information on use.

**DDD 50 WETTABLE POWDER**, Code 215. Contains 50% Dichloro-diphenyl-dichloroethane. Used for the control of red-banded leaf roller on Apples where a wettable powder is preferred. The usually recommended dosage is 2 lbs. in 100 gals. of spray. Packed 50-lb. bags. Also packed 48-lb. carton, 12 4-lb. bags. Prices on request.

**DIELDRIN WETTABLE 50%**, Code 762. The new insecticide for the control of cutworms, grasshoppers, tarnish plant bugs, thrips, chiggers, mosquitoes, Plum curculio and many other pests. Packed 24-lb. cartons, 12 2-lb. bags. Price on request.

A miscible form of Dieldrin, Code 833, is also available. Price: 1-gal. jugs on request.

### Lindane

**"LINDANE."** Niagara dust and spray formulations, containing the gamma isomer of benzene hexachloride. The gamma isomer is for all practical purposes odorless and tasteless. Formulations are:

**LINDANE 1 DUST**, Code 33. Used for the control of aphids, leaf miners, spittle bugs, Japanese beetles, and Rose chafers. Packed 50-lb. bags. Price: \$12.40 per 100 lbs.

**LINDANE 25 SPRAY**, Code 261. Contains 25% Lindane. Used for the control of aphids, leaf miners, and household pests such as flies and cockroaches. Packed 20-lb. carton, 4 5-lb. bags, 15-lb. bulk fibre drum. Price: 5-lb. bag, \$2.25 per lb.; 15-lb. fibre drum, \$2.05 per lb.

**LINDANE 25 EMULSION**, Code 34. Contains 25% Lindane in a water emulsible form. Used for the same purposes as Code 261 Lindane 25 Spray, in addition lends itself to use in concentrate applicators. Packed 1-gal. cans; 5-gal. drums. Price: 1-gal. can, \$18.24; 5-gal. can, \$17.93 per gal.

### CHLORDANE

**CHLORKIL 40 SPRAY**, Code 134. A dry wettable formulation containing 40% chlordane for the control of grasshoppers, curculio, ants and certain other turf insects. Packed 24-lb. carton, 6 4-lb. bags. Price: Per carton, \$14.35; 4-lb. bag, \$2.80.

**CHLORKIL 5 DUST**, Code 43. Contains 5% technical chlordane. For control of ants and grasshoppers, use 20 to 40 lbs per acre. Packed 50-lb. bags. Price: \$10.70 per cwt.

**CHLORKIL 72 MISCIBLE**, Code 237. A miscible formulation of chlordane. Each gallon contains 5 lbs. technical chlordane. 1-gal. jug, \$10.10. Per gal. in 5-gal. drum, \$9.85.

### Tepp

**NIAGARA TEPP**, Code 997. Contains 40% tetraethyl pyrophosphate and 60% other related organic phosphate esters. It is outstanding for control of mites on Apples, aphids and certain other insects. It is a contact toxicant. Packed in 1-gal. and 1-pt. glass containers. \$14.10 per gal.; \$2.70 per pint.

### Parathion

**NIAGARA PHOSKIL SPRAY**, Code 66. Contains 15% parathion. As a wettable powder, effective against many insects such as red mite, bud moth, Oriental fruit moth, etc. Packed 24-lb. carton, 12 2-lb. bags. Prices on request.

**NIAGARA PHOSKIL DUST**, Code 67. Contains 1% parathion. Used for the same purpose as Niagara Phoskil Spray where a dust is preferred. Packed 50-lb. bags. Prices on request. Also 1½% and 2%.

**NIAGARA PHOSKIL 25 MISCIBLE**, Code 544. Used for same purpose as Phoskil spray where an emulsion is preferred. Prices and further information on request.

### Niagara Z-C

**NIAGARA Z-C SPRAY**, Code 49. Contains 70% zinc dimethyldithiocarbamate formulated as a wettable powder. Especially recommended for use on Tomatoes in an alternate spray program with COCS copper for control of disease. Use 1½ to 2 lbs. Z-C per 100 gals. Recommendations for Zerlate or Z-C Spray are identical. Packed 36-lb. carton, 12 3-lb. bags. Price: Lb., 62c. Case lots, 58c per lb.

**NIAGARA Z-C DUST**, Code 48. Contains 7% active ingredients or the equivalent of 10% Zerlate. Especially effective for early blight and anthracnose, also acts as a plant stimulant to increase yields in Tomato fields and certain other crops. Packed in 50-lb. bags. Use 20 to 40 lbs. per acre. Price: \$10.30 per cwt.

### Malathion

**MALATHION 25 WETTABLE POWDER**, Code 208. A new safe insecticide effective against mites and aphids especially on fruits and vegetables. Also very effective against flies around buildings which house domestic animals. Packed in 48-lb. carton, 12 4-lb. bags. Price on request.

**MALATHION 4 DUST**, Code 80. Used for the same purpose as Malathion 25 Wettable Powder where a dust is preferred. Packed in 50-lb. bags. Price on request.

**MALATHION 50 MISCIBLE**, Code 77. Used for the same purpose as Malathion 25 Wettable Powder where an emulsion is preferred. Packed in 1-gal. jug and 5-gal. cans. Price on request.

### Sulphur Fungicides Kolo Formulations

Sulphur Sprays and Dusts for use on Apples, Peaches and wherever sulphur or sulphur and arsenicals are indicated to prevent disease or control chewing insects.

**KOLOFOG**, Code 323. A highly effective fused bentonite-sulphur spray for use on Apples and Peaches replacing lime-sulphur solution following dormant or delayed dormant use. Because of its great effectiveness, it makes an excellent carrier for arsenate of lead. Non-caustic and is especially recommended for the pre-blossom calyx and first cover sprays. In the latter sprays where the excellent sticking qualities of Kolofog may be objectionable, we recommend use of Kolo spray. Price: 48-lb. carton (8 6-lb. bags), \$5.30; 5 cartons or more, \$5.20 each; 6-lb. bag, 90c.

**KOLO 100**, Code 437. A highly effective combination of fused bentonite, sulphur and dichloro naphthoquinone for the control of fungus disease on Apples and Peaches. Packed 42-lb. carton, 12 3½-lb. bags. For prices and additional information see us.

**KOLOSPRAY**, Code M512. A wettable sulphur of micron fineness fortified with fused bentonite-sulphur to improve covering qualities and effectiveness of the wettable type of sulphur. One of the best so-called wettable sulphurs on the market. Price: 50-lb. bag, \$4.75; 100 lbs., \$9.25. Packed also 10 5-lb. bags per carton; per 50-lb. carton, \$5.00; per 5-lb. bag, 75c.

**NIAGARA KOLODUST**, Code 216. The new exclusive NIAGARA dust that "sticks through rain and wind." A fungicide only, used in the control of disease on fruit and flowering plants. Packed in 50-lb. bags. Per 100 lbs., \$8.25.

**NIAGARA KOLODUST 100**, Code 421. An effective combination of fused bentonite-sulphur dust and dichloro naphthoquinone, for the control of fungus diseases on Apples and Peaches. Packed 50-lb. bags. \$10.30 per 100 lbs.

**NIAGARA KOLOKIL**, Code 229. The new exclusive NIAGARA sulphur and poison dust containing large percentage of arsenate of lead. This material is used wherever extra heavy ravages of chewing insects prevail; also in controlling such diseases as may be present. Per 100-lbs., \$14.30.

**KOLOKIL SPECIAL**, Code M524. The new exclusive Niagara sulphur and poison dust containing extra large percentage of arsenate of lead. This material is recommended where codling moth and gypsy moth are especially troublesome in Apple orchards. Per 100-lb. bag, \$16.95.

**KOLOKIL NIATOX 5 DUST**, Code 828. For use on Apples for control of scab, codling moth, curculio and leaf hopper. Packed in 100-lb. bags. Price: Per cwt., \$15.90.

### Miscellaneous Materials

**NIAGARA CODE 994 PURATURF 177**. The sensational new wettable organic cadmium fungicide for control of large brown patch, dollar spot and other fungous diseases of golf greens, lawns and fine turf grasses. Can be applied as spray or dust. Active ingredients: phenyl amino cadmium dilactate complex 20%. Use at the rate of 1 lb. per 100 gals. water applied to 10,000 to 12,000 sq. ft. of turf. Full directions on label. Ask for circular. Packed 12 1-lb. pkgs. per case. 1 lb., \$5.00; case, \$45.00.

**NIAGARA AMSOL**. Code 29. Amine type of weed killer—a liquid for farm use. 1-gal. can, \$4.43. Also packed in 5-gal. and 55-gal. drums. Prices on request—see circular.

**NIAGARA COMMERCIAL BRUSH KILLER**, Code 596. 2 lbs. 2,4-D acid equivalent and 2 lbs. 2,4,5-T acid equivalent per gal. May be used for foliage, stump, or basal spray. 1-gal. can, per gal., \$8.47; 5-gal. can, per gal., \$8.32; 30-gal. drums, per gal., \$8.16; 54-gal. drums, \$8.08 per gal.

**NIAGARA CHLORD I.P.C.** Code 592. Used for pre-emergence weed control at planting time on Onions and Lettuce. Also on dormant Strawberries for chickweed control. 1-gal. jug, \$8.25 per gal.

**DRY LIME-SULPHUR**. Used in dormant spray applications for the control of Peach leaf curl, scales, etc., and for the control of Apple and Pear scab. Packed in 1-lb. can, 70c; 5-lb. can, \$3.00; 200-lb. drum, 25 8-lb. bags, \$37.50.

**NIAGARA-STIK**. A hormone spray powder used in the prevention of premature pre-harvest drop of fruit and also at post blossom to effect chemical thinning of set. Active ingredient the sodium salt of naphthelene acetic acid. Packed in ¼-lb. can, 45c; case of 24 ¼-lb. jars, \$10.55.

**NIAGARA STIKCOL**. Code 537 (TCPPA). A new hormone spray for preventing premature drop of Apples. The active ingredient is a salt of 3, 4, 5-trichlorophenoxypropionic acid. It is used at the rate of ½ pt. per 100 gals water. Packed 24 ½-pt. per carton. Prices on request.

**NIAGARA STIK HORMONE DUST—Double Strength**. Code M598. An effective formulation of naphthalene acetic acid in dust form to prevent premature dropping of fruit. Packed 50-lb. bags, \$13.35 per cwt.

**Z-1 COLLOIDAL SPREADER**, Code 139. Despositor, film builder. Reduces run-off, affords smoother coverage. Used at rate of ¼ lb. per 100 gals. water. Packed 25-lb. carton, 25 1-lb. bags per carton. Price: 48c per lb. in case lots.

**NIAGARA NABAM SOLUTION**, Code 717. A liquid material designed for use in spray applications for the control of certain diseases attacking Potatoes, Tomatoes, Celery, Onions, Peppers and certain other crops. The active ingredient contained in "Dithane" and "Liquid Parzate." Zinc Sulphate must be added to this solution in order for this material to act as a fungicide. Prices on request.

# Farm and Garden Tools

## No. 12 Planet Jr. Double and Single Wheel Hoe Price, \$23.50



Planet Jr. Double Wheel Hoes are almost universally used by professional vegetable growers. They will straddle the crop, hoeing both sides of the row at once and until the plants are 20 inches high. The No. 12 includes all the equipment usually required for gardening—a pair of hoes for shallow cultivating and weeding, four steel cultivator teeth for general cultivation and a pair of plows for hilling, furrowing, etc. A long bolt and ferrule are furnished for changing to a single wheel hoe for later cultivation.

## No. 17 Planet Jr. Single Wheel Hoe Price, \$15.50



No. 17 Planet Jr. Single Wheel Hoe is the most popular single wheel cultivator for home garden use.

## No. 220 Planet Jr. Fertilizer Distributor (Not Shown) Price, \$57.50

## Planet Jr. Tuffy 1 H.P. Tractor

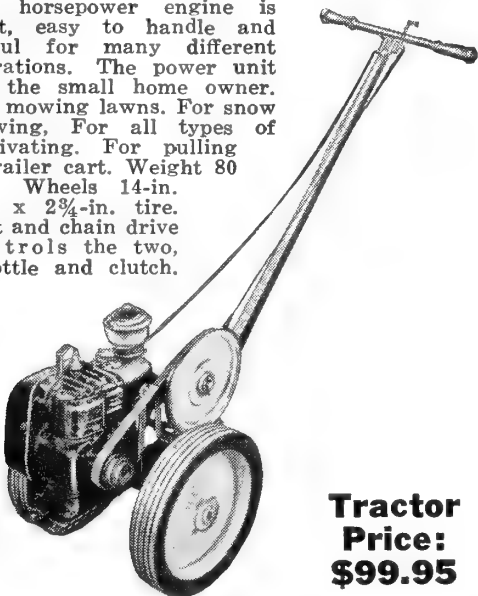
**PLANET JR. SUPER TUFFY TRACTOR.** 1½ H.P. (not shown). Price: \$141.95.

**New No. A60 Rotary Tiller attachment.** Price: \$56.25.

**New No. A53 Rotary Mower attachment.** Price: \$25.95.

Use same attachment for both Tuffy Tractors.

The Multi-Purpose Planet Jr. Tractor with its one horsepower engine is light, easy to handle and useful for many different operations. The power unit for the small home owner. For mowing lawns. For snow plowing. For all types of cultivating. For pulling a trailer cart. Weight 80 lbs. Wheels 14-in. OD x 2¼-in. tire. Belt and chain drive controls the two, throttle and clutch.



**Tractor  
Price:  
\$99.95**

**No. A1 Cultivator.** Price: \$9.25.

**No. 10439X Lawn Mower Hitch.** Price: \$7.75.

**No. A20 Trailer Cart.** Price: \$25.95.

**No. A40 Snow Plow and Grader.** Price: \$11.75.

**No. 10528X Chains for Tuffy Tractor.** Set, Price: \$5.75.

## No. 300A Planet Jr. Seeder Price, \$39.95



The No. 300A is rapidly becoming the most popular seeder for market gardeners. It is a plate seeder, having three seeding plates, each with 13 holes, giving ample adjustment for any size seed. Adjustments quickly and easily made. Hopper removable. Many exclusive features combine to make the No. 300A easy running, dependable and accurate. For use on ordinary soil.

## Planet Jr. Tractors and Equipment

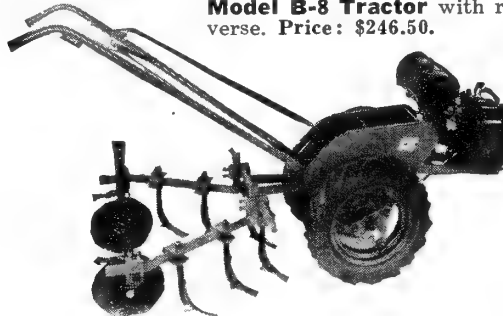
### MODEL BP-1 (2 H.P.) TRACTOR

With 5.00 x 12 rubber tires (not shown.) Price: \$193.95.

### MODEL B-8 TRACTOR (2½ H.P.)

With 6.00 x 12 rubber tires (less cultivator as shown.) Price: \$226.00.

**Model B-8 Tractor with reverse.** Price: \$246.50.



## Attachments for BP-1 B-8 Tractors

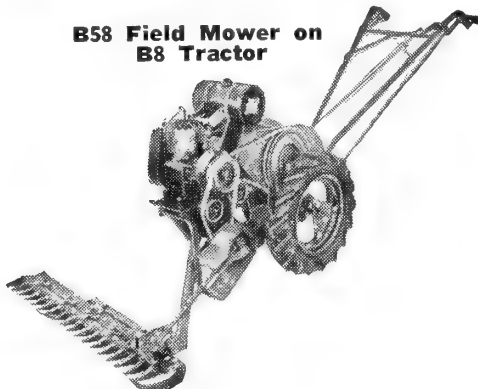
B58 Field Mower	\$91.50
B12 Cultivator	39.95
B21 Plow with Coulter	41.75
B40 Snow Plow with Grader	34.95
B62 Disc Harrow	54.75
AB34 One-Row Seeder	49.75
9965X Wheel Weights	22.95
10537X Lawn Mower Hitch	7.95
B75 Fertilizer Distributor	31.00
B52 Trailer Cart Only	113.50
B51 Power Lawn Mower	98.00

### MODEL HW (6.2 H.P.) PLANET JR. TRACTOR

With 5.50x16 rubber tires. Price: \$412.00.  
**HT Cultivating gang.** (27-inch.) Price: \$31.95.  
**HTN Cultivating gang.** (22-inch.) Price: \$34.85.

**HT27 10-in. Plow with Hitch.** Price: \$55.50.  
**HT10 Cultivator.** Price: \$58.75.

### B58 Field Mower on B8 Tractor



## True Temper Briar Edge High Wheel Cultivator

A popular type of construction for home gardeners general purpose use. 24-inch, 8-spoke wheel. Low priced but sturdily built for years of service.

**No. 100A.** Shipping weight 20 lbs. Price: \$9.45.



## The Cyclone Broadcast Seeder



Will sow Timothy, Clover, Oats, Wheat, Rye, Buckwheat, Red Top, Hungarian Millet, and all other grains and seeds perfectly even. Mailing weight 2 lbs. Price: \$4.40.



## Parker-Springfield Lawn Sweepers

**USE PARKER'S YEAR 'ROUND LAWN CONDITIONER** for a healthier, more beautiful lawn . . . Early spring cleaning of winter refuse . . . Late spring grooming . . . Summer-long pruning and weeding . . . Quicker, easier reaping of the fall leaf harvest. Cleans sidewalks too. Makes year 'round lawn care a genuine pleasure.

Buy your PARKER LAWN SWEEPER today and let this handiest of handy men save you time, money, energy and back-aches, and give you a finer, healthier, smoother lawn.

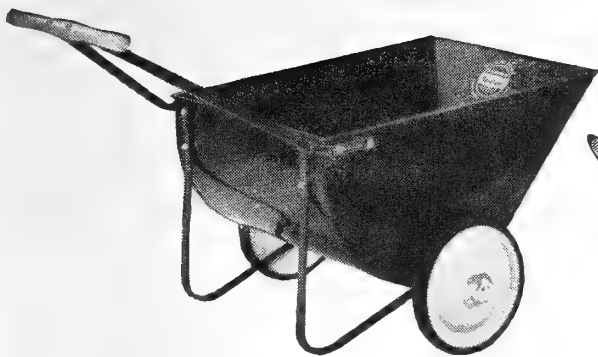
**20-in. Parkerette Sweeper.** Price: \$33.50.

**28-in. Parkerette Sweeper.** Price: \$41.00.

**28-in. Springfield Sweeper with Wind Apron.** Price: \$57.50.

**28-in. Homemaster** (power driven) with hand throttle control wind apron. \$159.50.





### Masters Handi-Carts

**Yard Maid 66.** (As shown.) Body made of heavy gauge steel. 10 $\frac{1}{4}$ -in. dia. disc wheels with 1 $\frac{1}{4}$ -in. tread rubber tires. Capacity 3 cu. ft. Finish orange and green enamel. Price: \$8.95.

**Lawn Master.** (Not shown.) 10 $\frac{1}{2}$ -in. dia. disc wheels with 1 $\frac{1}{2}$ -in. semi-pneumatic rubber tires. Finish flami0ngo-red. Price: \$12.95.

### Seymour Smith Deluxe Electric Lawn Trimmer

#### Model 700 Price, \$29.95

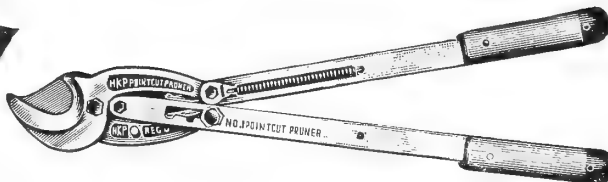
**Model 700.** The successful 1954 Model Electric Lawn Trimmer. Custom built, 1/10 H.P. motor, safety switch, easily operated, stops motor when released. Aluminum tube handle. Auxiliary handle grip.

**Model 70.** New model for 1955. Husky, full powered trimmer. Custom built, 1/15 H.P. motor with foot operated on-off switch. Rolls on over-size hardwood roller. Price: \$21.95.

Model 70  
(Shown).

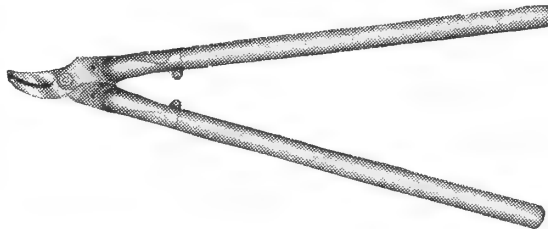
**No. 550.** Light weight, 50-foot plastic covered, No. 18 wire extension cord. Orange color. Price: \$2.95.

### Porter Pointcut Pruners

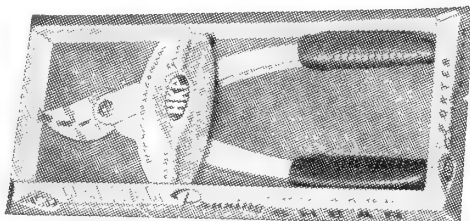


**No. 120 Pointcut Pruner.** 20 in. Weight 2 lbs. 12 ozs. Price: \$8.70

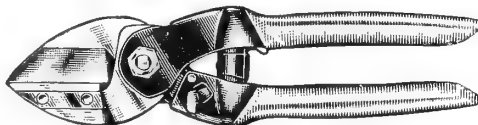
**No. 124 Pointcut Pruner.** 24 in. Weight 3 lbs. Price: 8.90



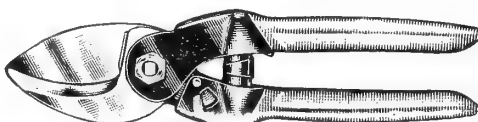
**The New Porter No. 28S Lopping Shear.** Over-all length 28 in., weight 2 $\frac{1}{4}$  lbs. but withstands 160 lb. cutting pressure on handles. Weight for mailing 3 lbs. Price: \$6.45.



**The New Porter 13S Two Hand Pruner.** Length 13 in., weight 15 ozs. Every home owner's choice to do a man-sized pruning job quicker and easier. Mailing weight 2 lbs. Price: \$4.95.

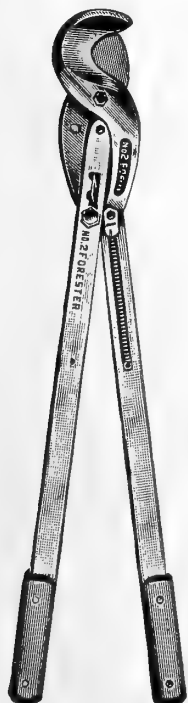


**No. 8A PORTER DURA CUT.** One-hand Pruner. Anvil type. Carefully designed to cut better and easier and to last longer than other anvil type pruners. The exclusive plastic covered comfort grips are easy on the hand. Length 8 inches, weight 12 ozs. Price: \$2.95.



**No. 8S PORTER DURA SHEAR.** One-hand Pruner Shear type. Same features as No. 8A, length 8 $\frac{1}{4}$  inches, weight, 12 ozs. Price: \$4.00.

### The H. K. P. Forester Pruner



The Forester has a patented slide-shift power slot. Powerful and ruggedly built for lifetime use.

**No. 2.** 27 in. long. Capacity 1 $\frac{1}{2}$  in. Weight 4 lbs. 10 ozs. Price: \$9.90.

**No. 3.** 34 in. long. Capacity 2 in. Weight 7 lbs. 4 ozs. Price: \$11.70.

#### Handy Cloth

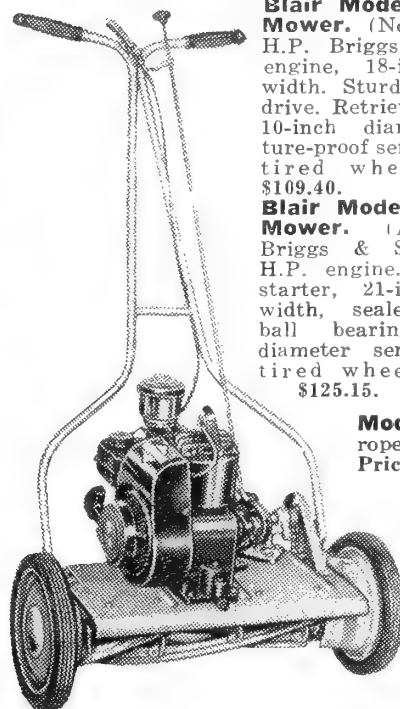
Strong cotton duck 4-corner carrying loops. 7 $\frac{1}{2}$  x 7 $\frac{1}{2}$  ft. Ground Cloth; Beach and Picnic Cloth; collecting and carrying leaves and lawn sweepings. Price: \$5.95.

### BLAIR LAWN MOWERS Power and Hand

**Blair Model 55 Power Mower.** (Not shown.) 1 H.P. Briggs & Stratton engine, 18-inch cutting width. Sturdy roller chain drive. Retrievable starter. 10-inch diameter puncture-proof semi-pneumatic tired wheels. Price: \$109.40.

**Blair Model 66 Power Mower.** (As shown.) Briggs & Stratton 1 $\frac{1}{2}$  H.P. engine. Retrievable starter, 21-inch cutting width, sealed precision ball bearings. 10-inch diameter semi-pneumatic tired wheels. Price: \$125.15.

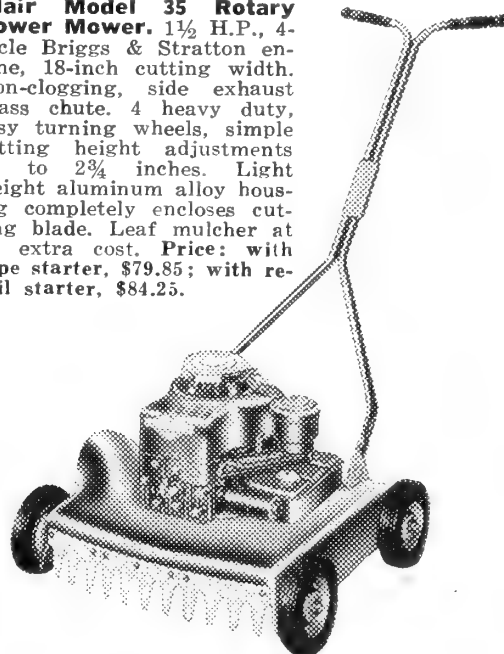
**Model 55 with rope starter.** Price: \$105.00.



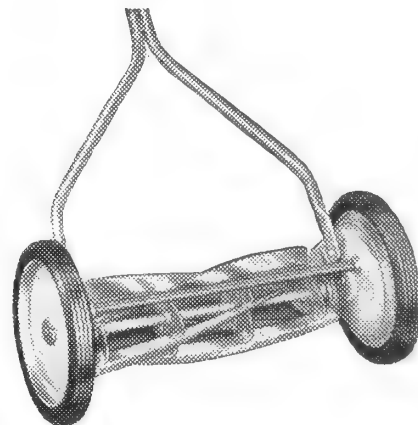
**No. PR-244-1S Power Mower Catcher.** 15 in. deep, 23 in. wide. Fits power mower with outside dimensions 16 in. through 21 in. Price: \$3.50.

**No. PR-224-2A Power Mower Catcher.** 17 $\frac{1}{2}$  in. deep, 26 $\frac{1}{2}$  in. wide. Fits power mower with outside dimensions 18 in. through 24 in. Price: \$3.50.

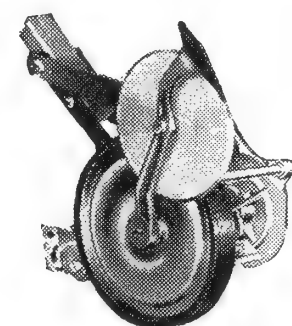
**Blair Model 35 Rotary Power Mower.** 1 $\frac{1}{2}$  H.P., 4-cycle Briggs & Stratton engine, 18-inch cutting width. Non-clogging, side exhaust grass chute. 4 heavy duty, easy turning wheels, simple cutting height adjustments up to 2 $\frac{3}{4}$  inches. Light weight aluminum alloy housing completely encloses cutting blade. Leaf mulcher at no extra cost. Price: with rope starter, \$79.85; with recoil starter, \$84.25.



**Blair Homestead.** Tubular handles, 10-inch closed wheels, semi-pneumatic fitted tires, automatically adjusted ball bearings, 5 blades, rubber handle grips, enamel finish. Price: 16-inch, \$19.60; 18-inch, \$20.85.

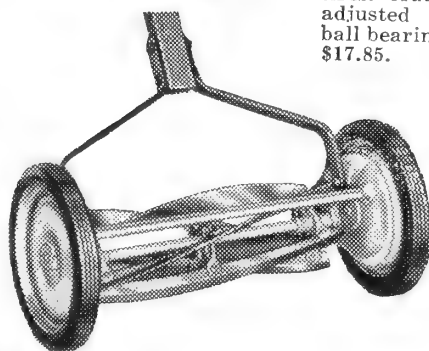


**Blair Pilgrim.** (Not shown.) Tubular handle. Semi-pneumatic fitted tires. 11-inch wheels, 5 blades. Price: 16-inch, \$24.60; 18-inch, \$26.25.



**Blair Universal Lawn Trimmer and Edger.** 6-inch cutting width, 4 blades, solid rubber tire, automatically adjusted ball bearings. Price: \$18.65. Available also without edger. \$16.60.

**Blair Brentwood.** New 1956 Model tubular handle, 5 blades, 9-in. wheels. 16-in. cut. Semi-pneumatic fitted tires. Automatically adjusted precision ball bearings. Price: \$17.85.



**Blair Yankee.** (Not shown.) Hardwood handle, eight-inch wheels, 4 blades, 14-inch cut. Solid rubber fitted tires. Price: \$16.00.

Send to us for Blair Circular.

# Garden and Lawn Supplies

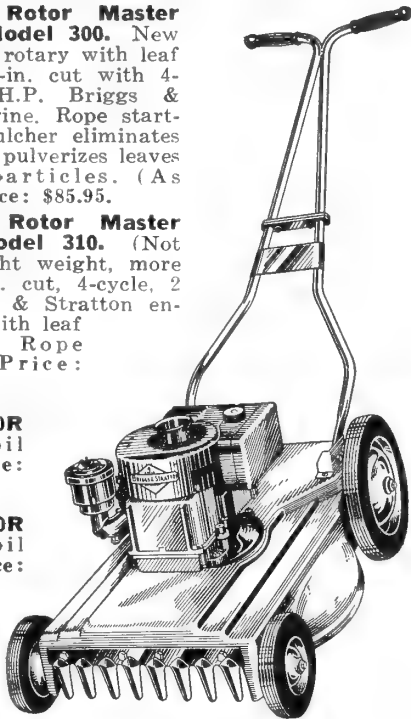
## WORCESTER LAWN MOWERS

**Worcester Rotor Master Eighteen Model 300.** New light weight rotary with leaf mulcher. 18-in. cut with 4-cycle, 1.6 H.P. Briggs & Stratton engine. Rope starter. Leaf mulcher eliminates leaf raking; pulverizes leaves to small particles. (As shown.) Price: \$85.95.

**Worcester Rotor Master Twenty Model 310.** (Not shown.) Light weight, more power, 20-in. cut, 4-cycle, 2 H.P. Briggs & Stratton engine; also with leaf mulcher. Rope starter. Price: \$104.95.

**Model 300R** with recoil starter. Price: \$90.95.

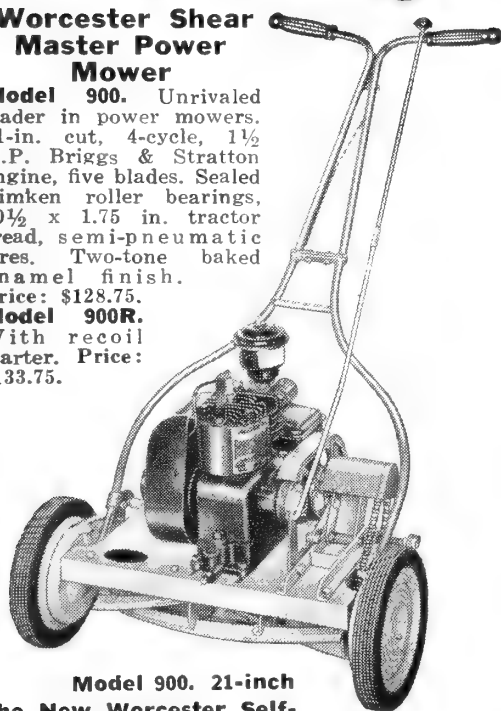
**Model 310R** with recoil starter. Price: \$109.45.



## Worcester Shear Master Power Mower

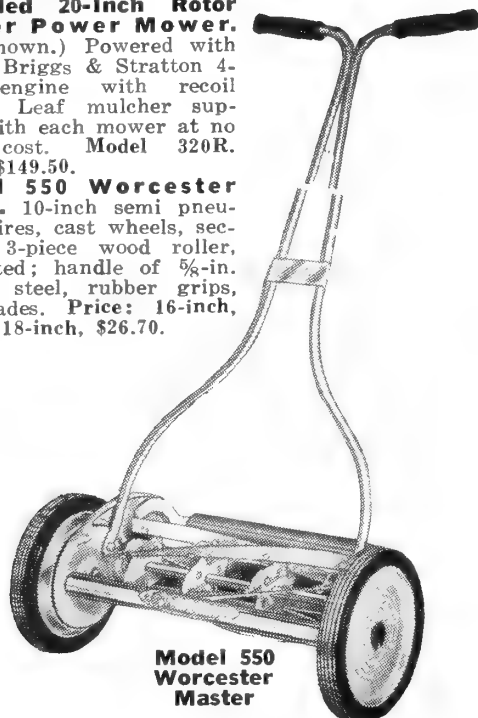
**Model 900.** Unrivalled leader in power mowers. 21-in. cut, 4-cycle, 1½ H.P. Briggs & Stratton engine, five blades. Sealed Timken roller bearings, 10½ x 1.75 in. tractor tread, semi-pneumatic tires. Two-tone baked enamel finish. Price: \$128.75.

**Model 900R.** With recoil starter. Price: \$133.75.



**Model 900. 21-inch The New Worcester Self-Propelled 20-Inch Rotor Master Power Mower.** (Not shown.) Powered with 2 H.P. Briggs & Stratton 4-cycle engine with recoil starter. Leaf mulcher supplied with each mower at no extra cost. Model 320R. Price: \$149.50.

**Model 550 Worcester Master.** 10-inch semi pneumatic tires, cast wheels, sectional, 3-piece wood roller, oil-treated; handle of ⅝-in. tubular steel, rubber grips, five blades. Price: 16-inch, \$25.30; 18-inch, \$26.70.



Model 550  
Worcester  
Master

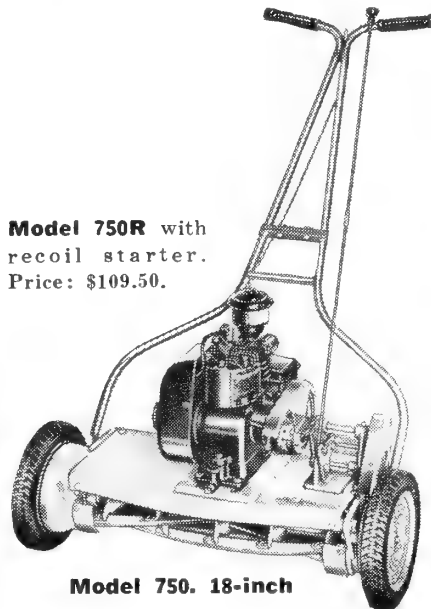
**Model 450 Wilshire.** (Not shown.) A modern mower at a modest price. 10-inch semi-pneumatic rubber tired wheels, five blades, hardwood handle. Two-tone baked enamel finish. Price: 16-inch, \$19.70.

**Model 350 Worcester Windsor.** (Not shown.) Light-weight mower. 5 blades, ball bearings, closed wheels, rubber cushioned tires, hardwood handle. Price: 14-in., \$17.40; 16-in., \$17.90.

## Worcester Shear Lawn Mower

**Model 600.** (Not shown.) The Aristocrat of Hand Lawn Mowers. Tubular steel handle. 10-in. heavy duty semi-pneumatic tired wheels. Price: 16-inch, \$32.90; 18-inch, \$34.75.

**Worcester Power Master Mower Model 750.** A handsome precision built power mower, the finest in construction and performance at a budget level price. 18-in. cut, 1 H.P. Briggs & Stratton 4-cycle engine. Rope starter. Price: \$104.50.



Model 750R with  
recoil starter.  
Price: \$109.50.

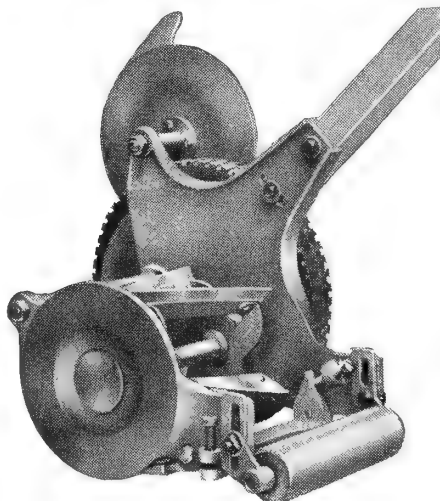
Model 750. 18-inch

## GRASS CATCHERS

For 14-inch, 16-inch and 18-inch Mowers

**No. HS-114 "Canvas Kid."** White duck, galvanized bottom (no carry handle). Price: \$1.75.

**No. HS-234 "Canvas Kid."** Square back, galvanized bottom, with carrying handle. Price: \$2.40.



**Granite State Professional Capitol Lawn Trimmer and Edger.** 6-inch cut; 5 blades; 9-in. rubber tired wheel, wood handle. Price: \$19.95.

## CLEMSON LAWN MOWERS

**Model E17.** (As shown.) Full 17-inch cut. Price: \$33.95.

**Model 16.** (Not shown.) 16-inch cut. Price: \$28.95.

**New Clemson Super Special.** Every Clemson feature, full 16-inch cut. Price: \$23.95.

Send for complete circular showing these three Clemson lawn mowers.

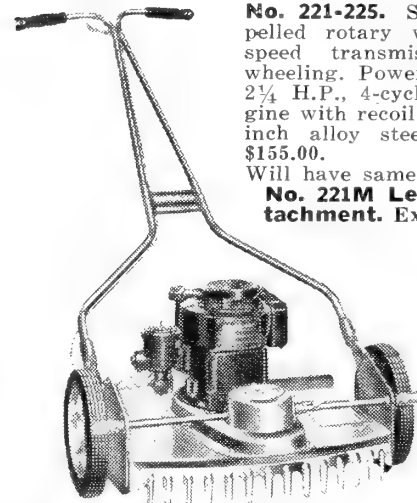


## SUNBEAM

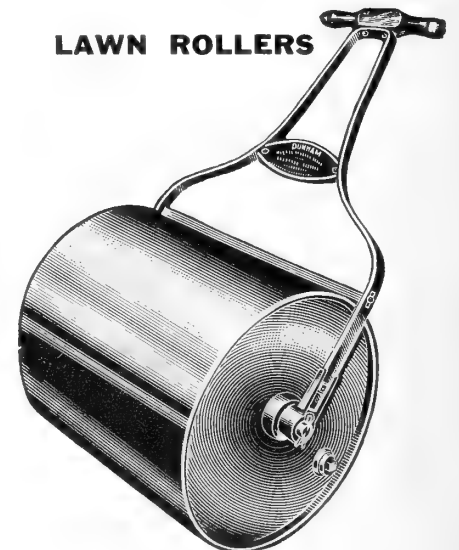
**No. 221-225.** Sunbeam self-propelled rotary with selective 2-speed transmission and free wheeling. Powerful, light-weight, 2¼ H.P., 4-cycle, air cooled engine with recoil starter. Full 21-inch alloy steel blade. Price: \$155.00.

Will have same 2¾ H.P.

**No. 221M Leaf Mulcher Attachment.** Extra. Price: \$4.75.



## LAWN ROLLERS



**Dunham Waterweight with Oilite Bearings**

**No. 2.** Diam. 14 in.; length 24 in.; weight empty 50 lbs.; water filled 160 lbs. Price: \$17.50.

**No. 4.** Diam. 18 in.; length 24 in.; weight empty 60 lbs.; water filled 220 lbs. Price: \$20.50.

**No. 7.** Diam. 24 in.; length 24 in.; weight empty 80 lbs.; water filled 400 lbs. Price: \$28.00.

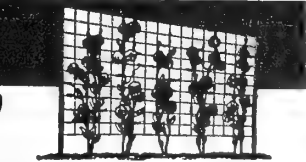
**No. 109.** Diam. 24 inches; length 32 in. (not shown.) For use by either one or two men. Equipped with roller bearings. Weight empty 100 lbs.; water filled 575 lbs. Price: \$68.00.

**Ohio Lawn Roller No. 10.** Diam. 14 in.; length 20 in.; weight empty 30 lbs.; water filled 120 lbs. An inexpensive roller. Tubular steel handles, equipped with oilite bearings. Price: \$13.50.

# Farm and Garden Supplies

## TRAIN-ETTS

### New Weatherized TRELLIS NETTING



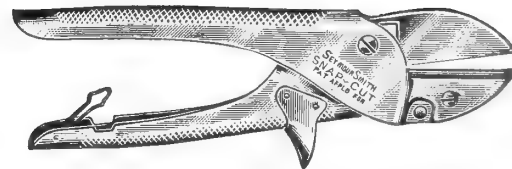
Ideal Support for SWEET

PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) Doesn't rot like string—lasts several seasons. In 3 sizes, No. 1, 60x72 in. 65c; No. 2, 60x96 in. 85c; No. 3, 60x180 in., \$1.25. Add 10c for postage.

## RAFFIA FOR TYING

Raffia is the straw colored inner skin of a Palm found in Madagascar. It is very strong and tough, but soft and flexible, which makes it the very best material for tying vegetables, plants, vines, etc. It is better than twine, as it does not cut the plants and is much stronger. It is also used for making baskets. Raffia comes in hanks of from 2 to 5 pounds. We offer the best grade. Price: Per lb., 55c, not postpaid.



## SNAP-CUT PRUNING SHEARS

No. 119. Original "Snap-cut." In bright chromium plate. Length 8 inches. Price: \$2.95; postpaid, \$3.20.

No. 118. Ladies' "Snap-cut" pocket size. Length 6 inches. Price: \$2.49; postpaid, \$2.49.

No. 1918. "Snap-cut" Matched Pair. One No. 119 and one No. 118. An excellent gift. Price: \$5.35; postpaid, \$5.65.

## SEYMOUR SMITH TIFFANY PRUNER



No. 520. 20 in. long; weight, 2½ lbs. .... \$6.00

No. 525. 25 in. long; weight, 3 lbs. .... 6.25

No. 530. 30 in. long; weight, 3½ lbs. .... 6.50



No. 75. MULTI-POWER LONG-HANDLED PRUNER. A superior quality pruner employing the Multi-Power compound lever action. Handle 22 inches long; over-all length, 31 inches. Mailing weight, 12 lbs. Price: \$9.50.

## No. 122 TRUE TEMPER "BRIAR EDGE" LOPPING SHEAR



Tubular steel ferrules and caps. Handle length, 22 inches. Price: \$3.50. Mailing weight 4 lbs.

## No. 101 TRUE TEMPER LOPPER

Light weight shrub Lopper designed for light shrub and brush pruning—ideal for home owners. Over-all length 21 in. Price: \$4.50. Mailing weight 3 lbs.

## CLYDE PRUNERS

The Clyde Drawcut Pruners produce a powerful sliding cut movement of the blade. The blade hook and shank are forged from tool steel.

No. 5403. 24-in. Drawcut, strapped ash handles ..... \$ 9.65

No. 5402. 24-in. Drawcut, strapped ash handles ..... 10.70

## BUSHMAN SAWS



(Steel Frame) with Swedish Steel Blades

No. 34—Lightweight 24-in. blade. Price: \$2.90.

No. 35E—30-in. blade with extended handle. Price: \$3.50.

No. 36E—36-in. blade with extended handle. Price: \$3.90.

No. 25—42-in. blade, adjustable frame. Price: \$6.90.

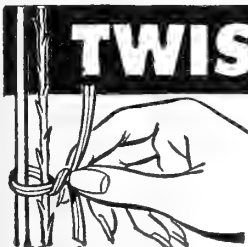
No. 50—24 in. x 1 in. saw blade. Price: \$1.15.

No. 51—30 in. x 1 in. saw blade. Price: \$1.25.

No. 53—36 in. x 1 in. saw blade. Price: \$1.50.

No. 55A—42 in. x 1 3/16 in. saw blade. Price: \$1.65.

## TWIST-EMS



Handy! Speedy! PLANT TIE

Pkg. of 100, 8-inch size 25c; pkg. of 200, 4-inch size, 25c; pkg. of 100, 16-inch size, 50c; pkg. of 50, 8-inch size, 15c; 250-ft. continuous roll, \$1.00 per roll. Add 10c per pkg., any size, for postage.

## FLYING DISK

### SCARE Birds and Animals Away

Amazing protection for newly planted seeds, berries, tender seedlings, fruit trees, etc. Made of shining aluminum, FLYING DISKS spin and whirl madly in all directions—give blinding reflections and weird jingling, crackling sounds—to scare birds and animals away. Easily strung across area to be protected—or from branches of fruit trees and vines.



10 FLYING DISKS with complete instructions, only 25¢

Postpaid 35c.

## SUDBURY SOIL TEST KITS



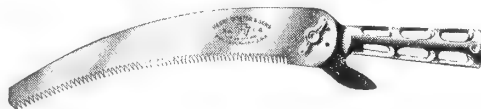
### De Luxe Model A

Contains complete equipment—test tubes, funnels, filter paper, pure tin stirring rod, built-in test tube rack, etc. Solutions for 200 tests for nitrogen, phosphate, potash and acidity (pH). Easy-to-understand instructions. Handsome hardwood lifetime chest. Price: \$29.95.

Horticultural Model B. As complete as the De Luxe Professional Model but smaller in size, with less soil testing solution. Full instructions. Wooden chest. Price: \$14.95.

Jr. Professional Model C. Makes the same tests as the Horticultural Model, but has less equipment. Solutions for 50 tests. Full instructions. Lethertex case. Price: \$5.89.

Home Garden Model D. (Makes 20 tests.) Price: \$2.98.



## Disston Pruning Saws

No. 32—24-in. Champion Tooth. Price: \$7.00.

No. 8—5½ pts. per inch. Price: \$6.00.

No. K40—18-in. Keystone Double Edge. Price: \$2.95.

No. D27—26-in. For expert pruning. Price: \$8.25.

No. 114—15-in. Pole Saw (as shown.) Price: \$5.25.

Also Simonds Cross Cut and One Man Saws, and Atkins Pruning Saws.

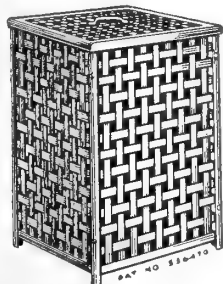
## FROST CAN'T HARM PLANTS

HOTKAPS—patented paper hothouses—completely protect plants from destructive frosts, storms, insects. Ripen crops 3 weeks earlier; increase yield 18% to 51%. Maintain perfect mulch. One man can set 2000 per day. Millions used by growers every season. Big Garden Package of 25, only 95c

## Hotkaps

1000 lots, \$18.35; 5000 lots, \$18.20 per M; 10,000 lots, \$18.05 per M; 25,000 lots, \$17.90 per M; 250 pkg. with Fiberboard Setter, \$5.90; 100 pkg. with Fiberboard Setter, \$3.15; 25 Home Garden pkg. with Setter, 95c; Steel Setter, \$1.95; Fiberboard Garden Setter, 20c.

Weight: 1000 pkg. HOTKAPS, 33 lbs.; 250 pkg., 10 lbs.; 100 pkg., 5 lbs.; Home Garden pkg., 2 lbs.; Steel HOTKAP Setter, 4 lbs. Postage extra.



## RUBBISH BURNERS

Skyscraper (As shown)  
Model E. 27"x16"x16" ..... \$ 4.95  
Model 3D. 30"x20"x20" ..... 8.95  
Model 4D. 36"x24"x24" ..... 14.50  
Cyclone "Catchall" Basket ..... 4.95



# Farm and Garden Supplies



## BIRD Vita-Bands

**VITA-BAND "D"** contains root growth until grower chooses to let root through Band. Only quick, slight pressure is needed to crack Band. Do not remove Vita-Band "D" when transplanting. Band disintegrates in the soil permitting free growth of roots from time of transplant. Nutrient-treated with quickly available plant food.

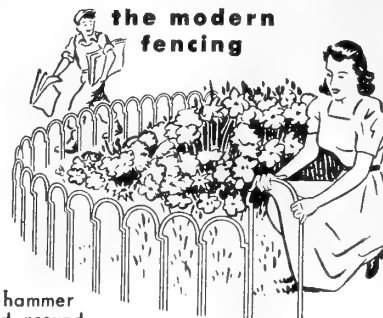
**VITA-BAND 10** for short growing periods. Will usually contain root growth up to approximately 8 to 10 weeks. Nutrient-treated with quickly available plant food . . . your judgment determines need for additional feeding. Vita-Band 10 is identical to Vita-Band "D" except Vita-Band 10 is removed at time of transplant. Vita-Band "D" is not.

**VITA-BAND "D"** is packed 2,000 to the case—except sizes 3" by 3", 4" by 3", and 4" by 4", which are packed 1,000 to the case. Vita-Band 10 is packed 2,000 to the case—except 3" by 3", which are packed 1,000 to the case and 4" by 4", which are packed 500 to the case.

**BEAUTIFY and PROTECT**  
your flowers and lawn

with **stikit® wikit**

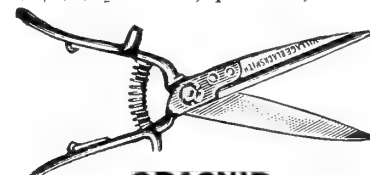
the modern  
fencing



Easy to hammer  
into hard ground

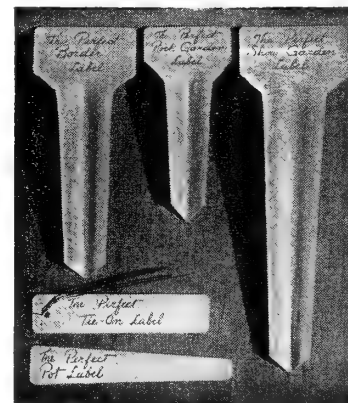
Easily installed, each unit is 21 in. high, 12 in. wide, green baked enamel on 1/4 in. hardened steel. Carton of two dozen makes 24 feet of fence, enough for the average flower bed.

**GREEN:** \$2.95 per doz.; per ctn., 2 doz., \$5.90.



## GRASNIP

**No. 4 Village Blacksmith Grasnip Grass Shear.** Temper tool steel. Blades polished on both sides. Mailing weight 2 lbs. Price: \$1.85.



## PERFECT GARDEN LABEL

Accepted as the perfect garden label by all who have used them. Easily and permanently marked with ordinary lead pencil. The beautiful gray-green color blends with the soil, foliage and rocks. Prices postpaid as follows:

**SHOW GARDEN LABEL.** Length 7 in., width of marking space 2 1/8 in.

25 labels ..... \$ 3.60  
100 labels ..... 13.50

**TIE-ON LABEL.** Length 3 1/2 in., width 3/4 in. Sturdy copper wires in convenient bundles ready bent for attaching.

100 labels in box ..... \$4.25

**POT LABEL.** Length 4 in., width 3/4 in. at wide end.

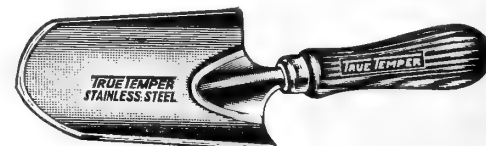
100 labels in box ..... \$3.50

**BORDER LABEL.** Length 5 in., width of marking space 2 in.

25 labels ..... \$ 2.90  
100 labels ..... 11.00

**ROCK GARDEN LABEL.** Length 4 in., width of marking space 1 3/4 in.

25 labels ..... \$2.35  
100 labels ..... 8.70



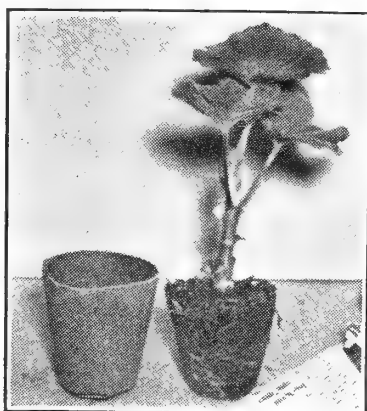
## True Temper Stainless Steel Trowel

**No. TS.** English design. Perfectly shaped with the correct hang and balance for all general purpose use. Sharp semi-pointed blade is 5 1/2 in. long, 3 1/4 in. wide. Fire hardened, resists weather and wear. Price: \$1.50. Mailing weight 1 lb.

## PLANT BANDS

## PRICE PER 1000—SIZES IN INCHES

Ask for prices in smaller quantities	1 1/2 x 1 1/2 x 2 1/2	1 3/4 x 1 3/4 x 2 1/2	2 x 2 x 2 1/2	2 x 2 x 3	2 1/2 x 2 1/2 x 3	3 x 3 x 3	4 x 4 x 3	4 x 4 x 4
<b>VITA-BAND D</b>	\$3.85	\$4.15	\$4.65	\$5.35	\$6.05	\$7.05	\$9.25	\$11.60
<b>VITA-BAND 10</b>	3.70	4.00	4.55	5.05	6.00	6.90	9.00	11.25



## BIRD POTS

**RED:** For shipping only. Not recommended for growing. Lightweight and sturdily made to protect rootball from breakage—inner wax coating prevents drying out. A "must" to preserve the top quality of your plants in transit. Delivering quality promotes repeat business.

**VITA-POTS:** For growing and shipping—they are nutrient-treated. Growing results are similar to Vita-Bands. VITA-POTS prevent rootball disturbance. No handling and storage of heavy pot. VITA-POTS can be packed quickly and easily for shipment.



## TOM THUMB FLATS

**SPECIAL OFFER!** Bring customers back to YOU for repeat business by using Tom Thumb Flats imprinted with your name. Use one of these attractive designs, with your ad printed on 4 sides for only \$3.00 per M additional charge. Choice of orange, yellow or light green imprinting. Tom Thumb Flats are made of heavy water proof fibre resinous material. Use with Vita-Band "10". The most economical way to sell potted annuals in dozen lots. Potted plants sell easier at premium prices. Build sales and repeat business with easier-to-set-out potted plants in this neat package.

No. 1 for 1 doz. 1 3/4" Bands; No. 2 for 1 doz. 2" Bands.

Add \$3.00 Per M to Cost Below for Printing.

Combination 1M Flats	Sold	Tom Thumb Flats	
12M	Units of	Size	Size
Vita-Bands 10	250 Sets	No. 1	No. 2
Per 1000 Sets	Only		
Size	Per		
No. 1 No. 2	1000	\$44.70	\$49.60
\$86.45 \$95.65			



The modern Knee Protector. Ideal for any work that requires kneeling on the ground or on the floor. Neegards are form fitting, completely adjustable to fit any size knees. Price: Per pair, \$2.00; postpaid, \$2.25.

## PRICE LIST AND SIZES IN INCHES

### VITA POTS

### RED

	100	1000		100	1000
2 in.	\$1.60	\$14.60	2 in.	\$1.00	\$ 8.60
2 1/4 in.	1.65	14.95	2 1/4 in.	1.00	8.60
2 1/2 in.	1.70	15.50	2 1/2 in.	1.05	8.70
3 in.	1.90	17.40	3 in.	1.15	9.15
3 1/2 in.	2.35	22.70	3 1/2 in.	1.45	12.20
4 in.	2.65	25.70	4 in.	1.65	14.70
5 in.	3.50	33.40	5 in.	2.00	18.15
6 in.	4.60	44.10	6 in.	2.40	22.25



## SPRABULBS

For florists and gardeners. Brass discs.

**SPRABULB "B".** 8 ounces. Price: \$1.00; postpaid, \$1.10.

**SPRABULB "C".** 12 ounces. Price: \$1.50; postpaid, \$1.60.

# Garden and Lawn Supplies



## SOIL SOAKER

Like all night rain, it really soaks the soil. Water seeps through entire length gently—no spray—puts water where you want it. All soaks to the roots. Made of scientifically treated mildew resistant canvas. One end screws to water hose, other end closed.

- No. 0.** Length 12 ft. Mailing weight 2 lbs. \$1.80  
**No. 1.** Length 18 ft. Mailing weight 3 lbs. 2.40  
**No. 2.** Length 30 ft. Mailing weight 4 lbs. 3.70  
**No. 3.** Length 50 ft. Mailing weight 5 lbs. 6.00

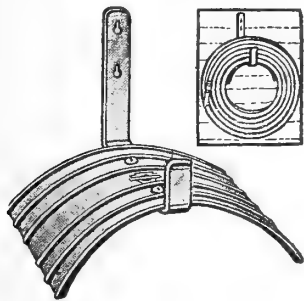
## CAR-MAC GRASS CONTROL STRIPS

(Send for Circular)

Eliminates trimming and edging. Made of heavy gauge galvanized and bonderized corrugated steel. Painted two-tone. Gives lawns that "just trimmed" look all year 'round. Each length 25 in., 4 in. wide. Cartons 30 ft. of lawn edging. Price per carton, \$3.98.

## LIFETIME HOSE HANGER

- No. 140.** Capacity 100 ft. garden hose. Mailing weight 4 lbs. Price: \$1.00.



## HOSEMASTER NOZZLE

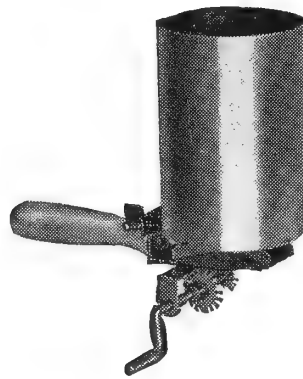
**World's Finest Hose Nozzle.** Precision tooled all brass. Valve arrangement—leak-proof automatic shut-off conserves water and eliminates faucet trips. Handy lock for keeping nozzle adjusted to one type of spray. Price: \$1.50. Mailing weight 1 lb.



## Automatic Lever Spray

**Lever Spray.** The automatic nozzle that gives split second control of spray or stream right in the palm of your hand. Chrome plated. All working parts of rust-resistant metal for long years of service. Price: \$1.49. Mailing weight 1 lb.

## KRASCO LAWN SEEDER—WEEDER—FEEDER



The Krasco Lawn Seeder-Feeder-Weeder does the trick. For seed—for dry fertilizer—for dry weed killer. Uniform controlled spread assures the best results. Broadcasts in semi-circle in front of operator. Mailing weight 2 lbs. Price: \$4.95.

## EAGLE BRAND FARM TARPAULINS

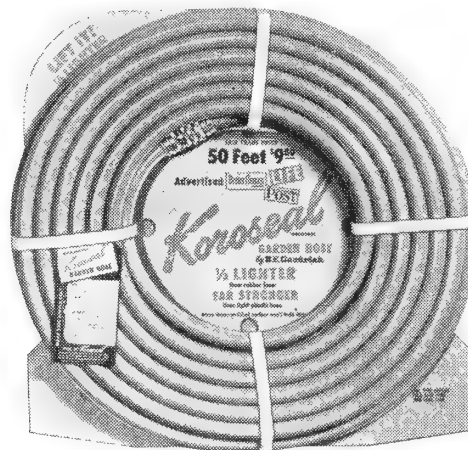
Individually packaged in cartons. The right tarpaulin at the right price. All-purpose sizes that fit the needs of farmers.

### Aluminum Treated Farm Tarpaulins

- No. 1 size—** 6 ft. x 8 ft. .... \$ 7.60  
**No. 2 size—** 8 ft. x 10 ft. .... 12.80  
**No. 3 size—** 10 ft. x 12 ft. .... 18.90  
**No. 4 size—** 10 ft. x 14 ft. .... 21.95  
**No. 5 size—** 12 ft. x 16 ft. .... 30.10

### Aluminum Treated Heavy Duty Farm Tarpaulins

- No. 6 size—** 12 ft. x 18 ft. .... 42.40  
**No. 7 size—** 15 ft. x 20 ft. .... 58.90  
**No. 8 size—** 18 ft. x 24 ft. .... 84.75



## GOODRICH GARDEN HOSE

**GOODRICH KOROSEAL GARDEN HOSE.** The finest plastic hose. Red or green. 25-ft. lengths, \$5.75; 50-ft. lengths, \$9.80; 75-ft. lengths, \$13.85.

**NEW PLASTIC GARDEN CLUB.** Bright yellow color, will not fade. 25-ft. lengths, \$4.25; 50-ft. lengths, \$6.95; 75-ft. lengths, \$9.95.

**GOODRICH MAXECON.** Black rubber, 2 braid, 5/8-in., 25-ft. lengths, \$6.45; 50-ft. lengths, \$11.95; 3/4-in. 50-ft. lengths, \$16.00.

**GOODRICH SIGNAL.** Black, 1 braid, 5/8-in. 25-ft. lengths, \$4.20; 50-ft. lengths, \$7.45; 75-ft. lengths, \$10.75.

**GOODRICH AKRON.** Green. 25-ft. lengths, \$5.45; 50-ft. lengths, \$9.25; 75-ft. lengths, \$13.75.

**KOROSEAL MULTISPRAY HOSE.** Green color. Barsealed at one end with a female garden hose coupling, containing rust-proof dirt filter and Koroseal washer on the other. 25-ft. lengths, \$2.39; 50-ft. lengths, \$3.95.

## GATES GARDEN HOSE

**Gates Flexible Sprinkler.** Now . . . A Top-Spray Sprinkler. It's built of gleaming green, fire polished plastic—with special stabilizing fins which keep it in perfect watering position at all times. These fins are a new innovation which allow maximum flexibility without tipping. 50-ft. lengths, \$5.75; 25-ft. lengths, \$3.75.

**Gates Riviera.** Eye catching sea-green transparent plastic. Top quality. 50-ft. lengths, \$7.96; 25-ft. lengths, \$4.70.

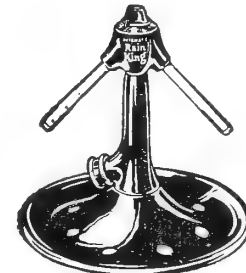
**Gates Springtime.** Built with two re-inforcing layers of tough plastic. Green. Popular price. 1/2-inch. 50-ft. lengths, \$5.95; 25-ft. lengths, \$3.50.

**Gates Trucord Red.** Rayon cord enables hose to withstand 650 lbs. water pressure. 5/8-inch. 50-ft. lengths, \$9.70; 25-ft. lengths, \$5.50.

**Gates Trucord Black.** 5/8-inch. 50-ft. lengths, \$8.60; 25-ft. lengths, \$4.65.

**Gates Ripple Black Single Braid Hose.** 50-ft. lengths, \$7.46; 25-ft. lengths, \$4.20.

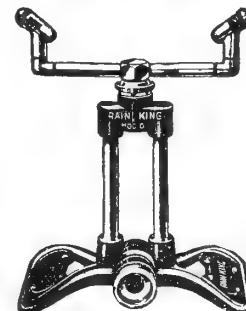
## LAWN SPRINKLERS AND HOSE NOZZLES



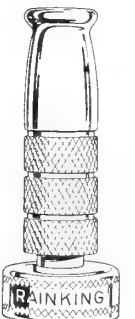
Model K



Model K20



Rain King Model D Sprinkler



**No. H375 Scovill Standard Brass Hose Nozzle.** Price: \$1.35.

**Boston Brass Garden Hose Nozzle.** Price: \$1.69.

**Model K Rain King Sprinkler.** Price: \$8.75.

**Model K20 Traveling Sprinkler.** Will sprinkle strip 5 to 50 feet wide as it travels. Automatically winds up steel tape to pull itself across lawn. Shuts off automatically. Price: \$35.00.

**Rain King Model D Sprinkler.** Price: \$5.95.

**Rain King Model H Sprinkler.** (Not shown.) Price: \$7.95.

**Scovill Ring Shaped All-Brass Lawn Sprinkler.** Price: \$2.40.

**Rain King N-1A Hose Nozzle.** Price: \$1.50.

## SCOVILL DURA SEAL CLINCHER HOSE COUPLING

- No. H-281.** 1/2 in.; 5/8 in.; 3/4 in. Price: 47c.  
**No. H-281-1.** Female ends only. Price: 30c.

## SCOVILL DURA SEAL CLINCHER HOSE MENDER

- No. H-282.** 1/2 in.; 5/8 in.; 3/4 in. Price: 19c.  
**Scovill No. H-333 "Y" Connector.** Price: \$1.00.  
**Scovill No. H-351 Quick Connector.** Price: \$1.50.  
**Scovill No. H-344 Goose Neck.** Price: \$1.00.

## DOVER WINDOW BOXES

- |                             | Price  |
|-----------------------------|--------|
| <b>No. 215.</b> 15 in. .... | \$0.95 |
| <b>No. 218.</b> 18 in. .... | 1.15   |
| <b>No. 224.</b> 24 in. .... | 1.30   |
| <b>No. 230.</b> 30 in. .... | 1.55   |
| <b>No. 236.</b> 36 in. .... | 1.95   |

# Bird Houses, Baskets and Flower Pots

## HYDE BIRD FOOD PRODUCTS

We carry the complete line of Hyde Feeders and Houses. Send for circular.

No. W16 Bird Cafe. Price: \$5.95.  
No. W25 Bird Cafe. Price: \$6.95.  
No. CDA Chickadee Diner. Price: \$1.45.  
No. CDD Community Diner. Price: \$1.95.  
No. CDE Community Diner with 24 extra tidbits. Price: \$2.95.  
No. CT24 Chickadee Tidbits. Box of 24. Price: \$1.25; 3 boxes \$3.50.  
No. SS1 Bird Snacks. 35c each; 3 for \$1.00.  
No. BB2 Bird Banquets. 35c each; 3 for \$1.00.  
No. DP4 Birds Dinner Pail. (Filled). Price: \$2.75.  
No. BH52 Birds Filling Station. Price: \$4.95.  
Also Bishop Suet Cakes, Houses and Feeders.

## STANDARD POTS, SAUCERS AND PANS

POTS			
	Ea.	Doz.	100
2 1/4 in.	\$0.03	\$0.30	\$ 2.00
2 1/2 in.	.04	.35	2.50
3 in.	.05	.45	3.00
3 1/2 in.	.06	.55	4.00
4 in.	.08	.70	5.00
5 in.	.12	1.10	8.50
6 in.	.17	1.65	12.75
7 in.	.25	2.50	19.00
8 in.	.35	3.50	28.00
9 in.	.55	5.25	43.00
10 in.	.75	7.25	59.00

SAUCERS			
	Ea.	Doz.	100
3 in.	\$0.05	\$0.50	\$ 3.50
3 1/2 in.	.05	.50	3.50
4 in.	.06	.55	4.00
5 in.	.08	.75	5.50
6 in.	.10	1.00	7.50
7 in.	.14	1.40	10.75
8 in.	.20	1.95	15.00
9 in.	.25	2.50	20.00
10 in.	.45	4.25	33.50

PANS			
	Ea.	Doz.	100
6 in.	\$0.17	\$1.65	\$12.75
7 in.	.25	2.50	19.00
8 in.	.35	3.50	28.00
9 in.	.55	5.25	43.00
10 in.	.75	7.25	59.00

Positively none of the above sent Parcel Post.

## TRELLISES, FENCE AND ARBORS

Painted White		Price
No. 113 Trellis. 8 ft. high, 30 in. wide	..	\$ 3.25
No. 112 Trellis. 8 ft. high, 24 in. wide	..	2.75
No. 111 Trellis. 8 ft. high, 18 in. wide	..	2.25
No. 508 Tulip Fence. 12 in. high, 6 ft. long	..	2.40
No. 509 Garden Fence. 18 in. high, 6 ft. long	..	3.30
No. 510 Garden Fence. 24 in. high, 6 ft. long	..	4.95
No. 511 Garden Fence. 36 in. high, 8 ft. long	..	6.00
No. 304 Arbor	..	14.95
No. 305 Arbor	..	18.95
No. 306 Arbor	..	21.95

## EVERGREEN ROUND PAINTED GREEN FLOWER AND GARDEN STAKES

	100	Doz.
No. 24. 3/8 in. diameter, 24 in. long	\$3.50	\$0.50
No. 30. 3/8 in. diameter, 30 in. long	4.00	.60
No. 36. 1/2 in. diameter, 36 in. long	10.00	1.25
No. 48. 5/8 in. diameter, 48 in. long	15.00	2.00
No. 60. 5/8 in. diameter, 60 in. long	18.00	2.50

## BAMBOO PLANT STAKES

Nature's Plant Support—Painted Green		
4 ft. (25 in package)	..	.75c per pkg.
3 ft. (25 in package)	..	.50c per pkg.
2 ft. (25 in package)	..	.35c per pkg.

Postage Extra.

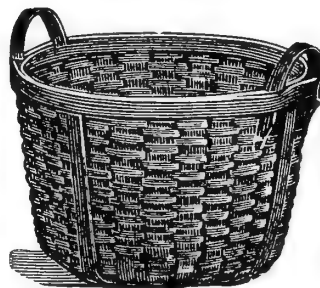
## CAREY ROOFING PAPER

Mica-Kote. 55-lb. and 65-lb.	Ask
Surety. 45-lb.	for
Slate Surface. Red, green black	Prices

## RUTLAND FIRE CLAY CO. PRODUCTS

Rutland Patching Plaster	
2 1/2-lb. pkg.	..\$0.35
5 -lb. pkg.	.. .55
15 -lb. pkg.	.. 1.30
Rutland (Kex) Spackling Compound	
1-lb. pkg.	.... .20
5-lb. pkg.	.... .80
Rutland Concrete Patcher	
5-lb. pkg.	...\$0.50
10-lb. pkg.	... .75
25-lb. pkg.	... 1.25
Rutland Black Enamel	
1/2-pt. can	... .25
1-pt. can	... .40
Rutland Stove Lining	
2 1/2-lb. pkg.	.. .30
5 -lb. pkg.	.. .50
Rutland Black Asphalt Paint	
1-qt. can	.....\$0.90
1-gal. can	..... 2.70
Rutland Furnace Cement	
1-lb. can	..... .23
5 -lb. can	.... .90
Rutland No-Tar-In Roof Coating	
1-gal. can	.... 1.35
5-gal. can	.... 4.75
Rutland No. 4 Black Roof Cement	
1 -lb. can	... .22
2 1/2-lb. can	... .45
5-lb. can	.... .90
10 -lb. can	... 1.50

True Temper Brand Shovels and Spades.  
Contractors Picks—Crowbars.  
Long Cutter Mattocks—Pick Mattocks.  
Square Head Wedges—Post Hole Diggers.  
Ames Brand Shovels and Spades.  
Steel and Aluminum Scoops.  
Dover and Wheeling Galvanized Ware.  
Watering Pots—Ash Cans—Garbage Cans.  
Oil Cans—Galv. Pails—Rubbish Burners.  
Step Ladders, Extension Ladders, Single Ladders.



## STRAPPED BUSHEL BASKET

4 -bushel	.....\$6.55
3 -bushel	..... 5.25
2 -bushel	..... 3.80
1 1/2-bushel	..... 3.15
1 -bushel	..... 2.50

## WOVEN PICKING BASKET

Size	Price
1/2-bushel, drop bail	.....\$1.50

## OXFORD STAVE BASKET

	Each
1 bushel	.....\$2.25
1/2 bushel, drop handle	..... 1.65

## BASKETS

### VERBENA AND PANSY BASKET

Used largely for Pansies. \$35.50 per 1000; \$3.85 per 100. Shipping weight 24 lbs. per 100.

### FOUR-QUART GEORGIA TILLS

For roadside container. \$43.50 per 1000; \$4.70 per 100. Shipping weight 33 lbs. per 100.

### THREE-QUART VIRGINIA TILLS

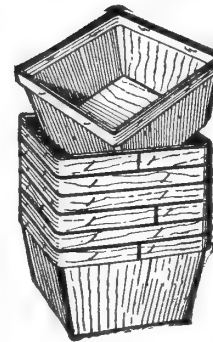
\$42.00 per 1000; \$4.55 per 100. Shipping weight 32 lbs. per 100.

### TWO-QUART MISSISSIPPI TILLS

\$35.50 per 1000; \$3.85 per 100. Shipping weight 24 lbs. per 100.

We Suggest Express or Truck Shipment on Baskets and Tills.

## ONE QUART ALL-WOOD BERRY BASKETS



	1000
Strawberry	.....\$17.50
Tight Corner (for Blueberries)	..... 21.00
Oval Pints	..... 16.75
Strawberry qts., per 100; Oval pts., per 100; tight corner qts., \$2.25 per 100. Shipping weights: quarts, 12 lbs. per 100; pints, 8 lbs. per 100.	

We Suggest Express or Truck Shipment on Baskets and Tills.

## BAIL HANDLE MARKET BASKETS

No.	Size	Dimensions	Price
1	1 pk.	18"x10 1/2"x6"	.....\$1.35
2	1/2 bu.	20"x11 1/2"x6 1/2"	..... 1.55
3	3/4 bu.	22"x13 1/2"x7"	..... 1.75
4	1 bu.	24"x14 1/2"x8"	..... 2.05
5	1 1/2 bu.	26"x16"x9"	..... 2.45

## WET WASH CLOTHES BASKET

No.	Dimensions	Price	No.	Dimensions	Price
2	26"x16"x 9"	\$3.10	4	30"x20"x10"	\$3.85
3	28"x18"x10"	3.45	5	32"x20"x10"	4.50

## TREE LABELS

	1000
Copper wired, 3 in. Weight 5 lbs.	..... \$5.40

## POT LABELS

	Wt. per 1000	100	1000
4 in.	4 lbs.	.....\$0.55	\$4.30
6 in.	5 lbs.	..... .65	5.25

## GARDEN LABELS

	Wt. per 1000	100	1000
8 in.	14 lbs.	.....\$1.20	\$10.75
10 in.	17 lbs.	..... 1.40	12.25

## PLANT STICKS

For pot or garden use. Square; painted green.

	Each	100		Each	100
1½ ft. . .	<b>\$0.03</b>	<b>\$2.35</b>	3½ ft. . .	<b>\$0.13</b>	<b>\$11.50</b>
2 ft. . .	<b>.04</b>	<b>3.00</b>	4 ft. . .	<b>.16</b>	<b>14.50</b>
2½ ft. . .	<b>.05</b>	<b>3.85</b>	5 ft. . .	<b>.23</b>	<b>21.50</b>
3 ft. . .	<b>.09</b>	<b>8.50</b>	6 ft. . .	<b>.26</b>	<b>24.50</b>

## No. 1. DESHLER RURAL MAIL BOX.

Price .....\$3.40

## KATCH-ALL WIRE RAT TRAP. 18 in.

long, 8 in. wide, 7 1/4 in. high. Price ..... 2.25

## LOG CHAINS with grab hook and slip hook.

5/16"x14'. Weight 16 lbs.	Price	.....\$ 8.20
3/8"x14'. Weight 23 lbs.	Price	..... 11.80
3/8"x16'. Weight 26 lbs.	Price	..... 13.30
1/2"x14'. Weight 41 lbs.	Price	..... 20.50

## DIETZ LANTERNS

Monarch Lantern. With clear globe	.....\$2.65
Monarch Lantern. With ruby globe	..... 3.05
No. 2 Delite Lantern. With clear globe	.. 3.35
Little Wizard Lantern. With ruby globe.	3.15
Comet Small Electric Lantern. Takes 2 No. 950 batteries. Clear globe. Less batteries	..... 2.98
Comet Small Kerosene Lantern. Clear globe	..... 2.55
Fitzall Globe. (Clear) for Monarch Lantern	..... .30
Fitzall Globe. (Ruby) for Monarch Lantern	..... .70

## AXES

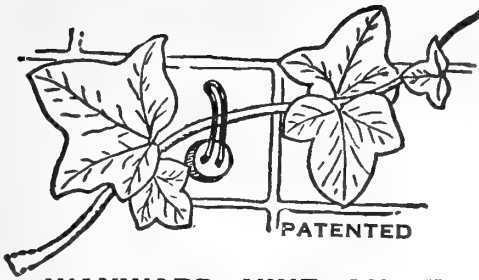
Woodslasher. 3 1/4 lbs., with handle	..... 5.35
World's Finest True Temper. 3 lbs., 3 1/2 lbs. with Hickory handle	..... 6.25
Knot Klipper. 3 lbs., 3 1/2 lbs. with Hickory handle	..... 6.50

## CANT DOGS

	Each
3 ft. x 2 3/8, round bill	.....\$6.20
3 1/2 ft. x 2 3/8, round bill	..... 6.30
4 ft. x 2 3/8, round bill	..... 6.50



# Farm and Garden Supplies



## WAYWARD VINE GUIDE AND SUPPORT

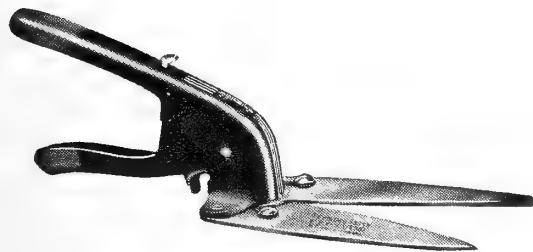
A new and easy way to train all kinds of vines to stucco, brick, stone, cement and wood walls without nails or holes because the supports are cemented to the wall with a special material supplied for this purpose. This special cement is not affected by any weather conditions. The vines are held in place by wire loops which may be bent easily. Your choice of brick-red, gray, or white. State color wanted. **Price: Per box of 20, including cement, \$1.00; postpaid, \$1.25.**

**Ezy Wear Garden Gloves, Ladies'.** Small, medium, or large. **Price: Per pair, \$1.65; postpaid, \$1.80. Men's.** Medium or large. **Price: Per pair, \$1.75; postpaid, \$1.90.**

**Kreme Skin Garden Gloves.** Small, medium or large. **Price: Per pair, \$1.95; postpaid, \$2.10**

**No. 100 Ladies "Green Thumb" Gloves.** **Price: Per pair, 98c; postpaid, \$1.10.**

**No. 459 "Girl Friday" Vinyl Plastic Coated House and Garden Gloves.** **Price: Per pair, \$1.29, postpaid, \$1.40.**

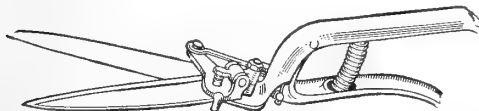


## EZY-CUT GRASS SHEARS

**No. 277 Improved Ezy-Cut Grass Shear.** A handsome, highly efficient tool. Positive one-hand thumb catch. Mailing weight 2 lbs. **Price: \$2.75.**

**No. 057 Special Ezy-Cut Grass Shear.** (Not shown.) A splendid value that will give good, efficient service. Mailing weight 2 lbs. **Price: \$1.19.**

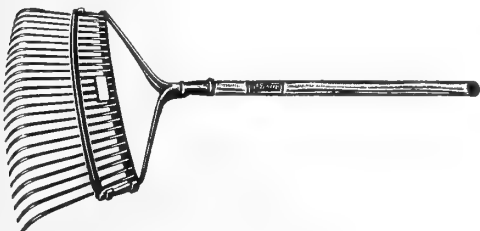
**No. 575 New "Stand-Up" Grass Shear.** With 2 adjustable wheels. (Not shown.) Mailing weight 6 lbs. **Price: \$4.25.**



## MIRACLE GRASS SHEAR

New and better. No more blisters—no more tired hands. Built strong enough to do the heaviest work and last for years. **Price: \$2.50.** Mailing weight 4 lbs.

Long handle Miracle grass shear. **Price: \$7.50.** Mailing weight 6 lbs.



## TRUE TEMPER LAWNCOMB RAKES

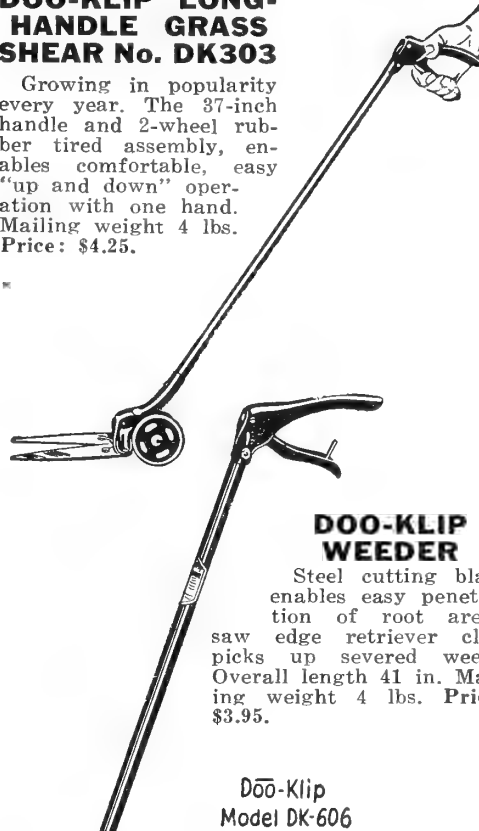
The Lawncomb rake has 24 flat, flexible spring steel teeth.

**No. LC18.** 8-in. teeth, 18 inches wide. **Price: \$3.35.**

**No. LC24.** 9½-in. teeth, 24 inches wide. **Price: \$3.95.**

## DOO-KLIP LONG-HANDLE GRASS SHEAR No. DK303

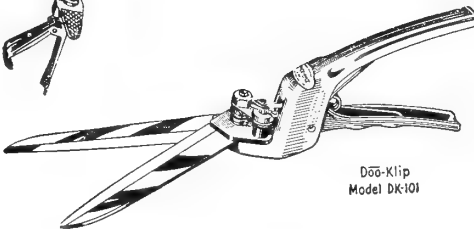
Growing in popularity every year. The 37-inch handle and 2-wheel rubber tired assembly, enables comfortable, easy "up and down" operation with one hand. Mailing weight 4 lbs. **Price: \$4.25.**



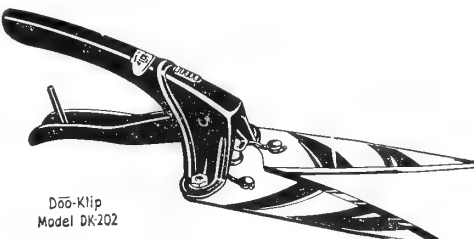
## DOO-KLIP WEEDER

Steel cutting blade enables easy penetration of root areas, saw edge retriever claw picks up severed weeds. Overall length 41 in. Mailing weight 4 lbs. **Price: \$3.95.**

Doo-Klip  
Model DK-606



**New Model Doo-Klip Grass Shear. Model DK101.** New operating mechanism utilizes favorite "up and down" handshake grip to push blade into action. Light-weight aluminum alloy handles have finger grips and thumb rest. Length 12¾ in. Mailing weight 2 lbs. **Price: \$3.25.**



**Doo-Klip Grass Shear. Model DK202.** As shown. Super. Improved model. Hollow ground, streamlined blades. Baked enamel wrinkle finished handles have green finish. Length 11¾ ins. Mailing weight 2 lbs. **Price: \$2.25.**

**Doo-Klip Grass Shear Model DK909.** (Not shown.) This economy priced model features "up and down" action tempered blades. Mailing weight 2 lbs. **Price: \$1.35.**

## BULB PLANTER

An indispensable tool because it makes a perfect planting hole for practically all sorts of bulbs without disturbing the surrounding soil. **Price: 95c; postpaid, \$1.15.**



## MAGIC WEEDER HOES



The best tools for the home garden. They turn work into pleasant pastime.

**Style G, H and K.** Orange lac handles, other styles red lac handles.

**Style A.** 3 tines, 5¼-in. handle. **Price: 20c.** Mailing weight 1 lb.

**Style B.** 3 tines, 14-in. handle. **Price: 30c.** Mailing weight 1 lb.

**Style BB.** 3 tines, 33-in. handle. **Price: 45c.** Mailing weight 1 lb.

**Style C.** 4 tines, 5¼-in. handle. **Price: 30c.** Mailing weight 1 lb.

**Style D.** 4 tines, 5¼-in. handle. **Price: 45c.** Mailing weight 1 lb.

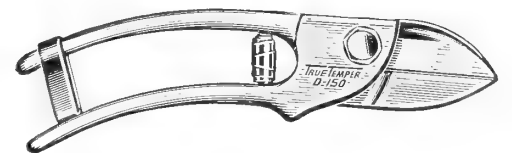
**Style E.** 4 tines, 5¼-in. handle. **Price: 45c.** Mailing weight 1 lb.

**Style F.** 4 tines, 42-in. handle. **Price: \$1.10.** Mailing weight 2 lbs.

**Style G.** 4 tines, 48-in. handle. **Price: \$1.35.** Mailing weight 3 lbs. Larger and stronger than Style F.

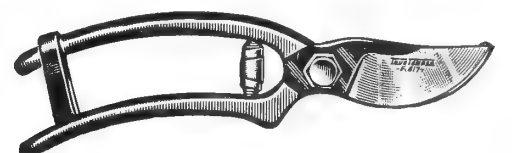
**Style H.** 4 tines, 48-in. handle. **Price: \$1.55.** Mailing weight 3 lbs. Square blade cuts roots, etc.

**Style K.** 4 tines, 48-in. handle. **Price: \$1.55.** Mailing weight 3 lbs. "V" blade, excellent for planting.



## TRUE TEMPER No. F917 PRUNING SHEAR

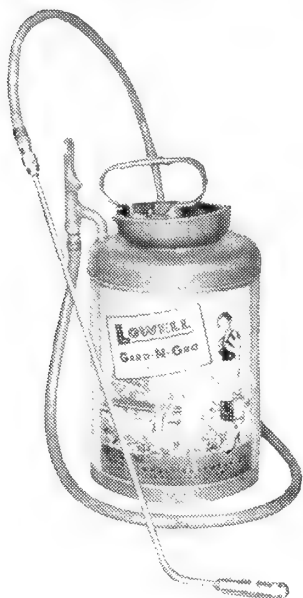
California pattern. New hand-shaped grip with leather catch. Volute spring. Length 8¼ in. Mailing weight 1 lb. **Price: \$3.25.**



## TRUE TEMPER No. D150 DYNACUT PRUNING SHEAR

Powerful draw cut action. A favorite all-purpose pruner improved to cut easier. Powerful anvil type. Mailing weight 1 lb. **Price: \$2.25.**

# ROOT - LOWELL *Sprayers*



## No. 256 GARD-N-GRO

A light, compact sprayer that's popular with all the ladies. 2-gallon capacity for home and garden spraying. Thumb latch control, comfortable handle, long 5-foot plastic hose and Any-Spray nozzle. 18 in. curved extension.

**No. 256 GARD-N-GRO.** Price: \$10.00.



## No. 274 BEACON

Popular for all spraying chores. Seal-tight top, easy to fill or clean. Seals from the inside assuring airtight, safe performance. 3 1/2-gal. tank, adjustable strap, long spray hose, rotatable shut off, brass extension and Any-Spray nozzle.

**No. 274 Beacon.** Price: \$14.40.

**No. 274S Beacon** with stainless steel tank. Price: \$27.90.



## No. 191B TRUSTY

A general utility sprayer widely popular for that smaller spraying job or extra sprayer for weed killers. 3 1/2-gal. capacity, wide filler opening, Sure-Seal cam-locked pump. 41 inches of hose and extension, rotatable shut-off. Brass nozzle with extra discs.

**No. 191B TRUSTY.** (As shown.) Price: \$9.09.

## No. 194A RELIABLE

4 gallons with screw locked pump, long hose, 24-in. extension, rotatable valve, Any-Spray nozzle.

**No. 194A RELIABLE.** (Not shown.) Price: \$11.70.

## No. 120B VICTOR

3 gallons with Sure-Seal cam lock, long hose and extension, rotatable valve, brass nozzle and discs.

**No. 120B VICTOR.** (Not shown.) Price: \$8.55.



## NAPSAC SPRAYERS

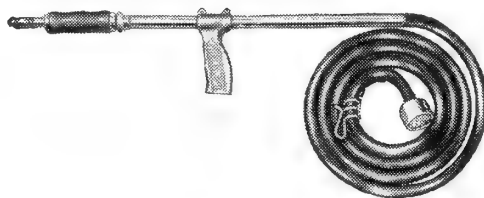
Comfortable contour-shaped backs and adjustable straps for easy carrying during spot spraying on farms or in gardens. Choose either piston or diaphragm pump. Long hose, brass extension, Any-Spray nozzle.

**No. 77A SPRAY-MORE.** Piston pump, 5 1/2 gallons, galvanized tank. (As shown.) Price: \$36.05.

## FIREPUMPS

Potent fire protection or spot spraying ease. 5 gallons, double wall, air-cooled back, heavy straps. Has No. 725C Sergeant slide pump with pistol and wood hand grips. Any-Spray nozzle.

**No. 64B FORRESTER.** (Not shown.) Price: \$25.75.



## SLIDE-TYPE SPRAYERS

Handy sprayer provides fine mist spray or 40-foot stream. Seamless brass, leakless hydraulic seal. Pistol and wood hand grip. 72 inches of 3/8-in. hose, holding clip, weighted brass strainer. Any-Spray nozzle.

**No. 725C SERGEANT.** (As shown.) Price: \$9.85.

A smaller but powerful unit. 30-foot stream to fine mist. All-brass, Any-Spray nozzle, 72 inches of 3/8-in. hose, weighted brass strainer.

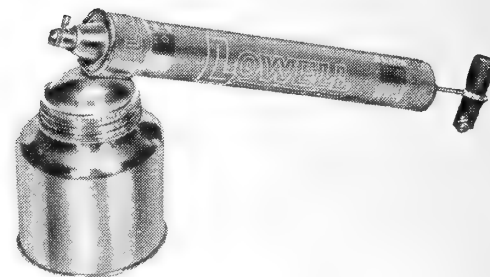
**No. 719B CORPORAL.** (Not shown.) Price: \$6.70.

## LOWELL FIREGUN

Sealtight features. 4-gallon galvanized tank. Produces 2000° F. flame 15 to 18 in. long, 8 to 12 in. wide.

**No. 921B. Firegun.** (Not shown.) Price: \$28.80.

## NATIONALLY KNOWN HAND SPRAYERS

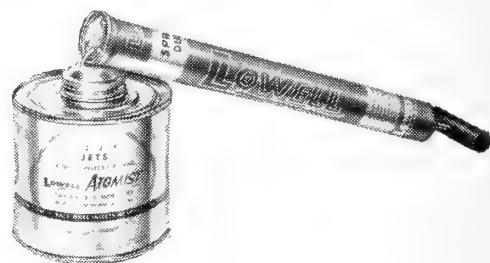


All-purpose, continuous sprayer. 30-ounce container, cover, Duo-spray nozzle, siphon tube and pump rod of impervious stainless steel. 1 1/2"x13" Nu-Power pump.

**No. 207 EXCELLO.** (Not shown.) Price: \$4.95. 1 1/2"x13" Nu-Power pump with heavy ribbed and graduated 24-ounce glass jar. Duo-Spray nozzle.

**No. 206 APEX.** (Not shown.) Price: \$2.25. Heavy 2-quart tinplate container, 1 1/4-in. filler opening, 1 1/2"x13" Nu-Power pump. Fixed medium nozzle.

**No. 216A CHALLENGE.** (As shown.) Price: \$2.20.



Amazing 4-Jet Supermist. Greater knock-down and kill with each stroke. Available in 1/2-pint, pint and quart sizes.

**No. 260 4-JET SUPERMIST.** 1/2-pint glass jar. (Not shown.) Price: 49c.

**No. 285 4-JET SUPERMIST.** 14 ozs. (As shown.) Price: 69c.

**No. 290 4-JET SUPERMIST.** 27 ozs. (Not shown.) Price: 79c.



## G. S. "MASTER" SPRAYERS

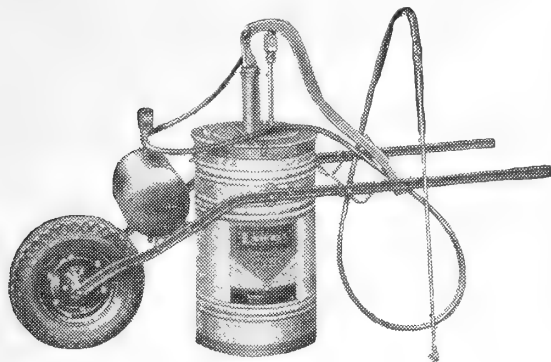
The G. S. "Master" Sprayer will easily throw a spray stream 35-40 ft. to the uppermost branches. The Master and Junior both come equipped with an adjustable nozzle, brass gooseneck extension for getting under foliage, heavy weight for container and 5 feet of Neoprene insecticide hose. Price: \$9.95. Shipping weight 6 lbs.

## G. S. "JUNIOR" SPRAYERS

The G. S. Junior Sprayer same as Master except it is smaller in design. Price: \$7.95. Shipping weight 5 lbs.

# Sprayers and Dusters

## WHEELBARROW SPRAYERS



Extra spraying capacity with galv. 17½-gal. tank. Large pump maintains 250 lbs. pressure, enough to supply 2 hose leads. Same sturdy frame as Baron. 10 ft. of ¾-in. hose, 3-ft. extension, brass shut-off and nozzle with extra discs. Choice of wheels and with or without pressure tank.

**No. 7455A MONARCH.** With pneumatic tire and pressure tank (as shown.) Price: \$85.80.

17½-gallon, mobile units with powerful pump. Maintains 200 lbs. pressure. Strong channel steel frame, 6 feet of ¾-in. hose, 30-in. extension, brass control valve and nozzle with extra discs. Can be provided with steel wheel, cushion or pneumatic tires. With or without pressure tank.

**No. 7474A BARON.** With cushion tire and pressure tank. (Not shown.) Price: \$62.20.

## NIAGARA HAND DUSTERS



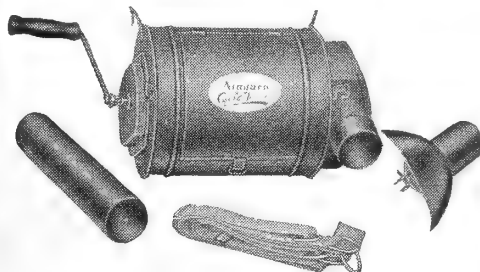
### FOUR NIAGARA PLUNGER TYPE HAND DUSTERS

**"Pint" Duster.** Mailing weight 2 lbs. Price: \$1.65.

**"Pint" Extension Duster.** Mailing weight 2 lbs. Price: \$1.85.

**"One Quart" Duster.** Mailing weight 3 lbs. Price: \$2.85.

**"Two Quart" Duster.** Mailing weight 4 lbs. Price: \$5.00.



## NEW NIAGARA CYCLO-JUNIOR DUSTER

Modern design — power performance — easy operation—light weight. Free flow of dust with positive and uniform feed. Has many special features that are new and distinct in hand duster construction and performance. Mailing weight 14 lbs. Price: \$33.50; with "Y" attachment, \$38.50.



### BORDEAUX NOZZLE (Not shown)

Each \$2.15, or \$2.25, postpaid.

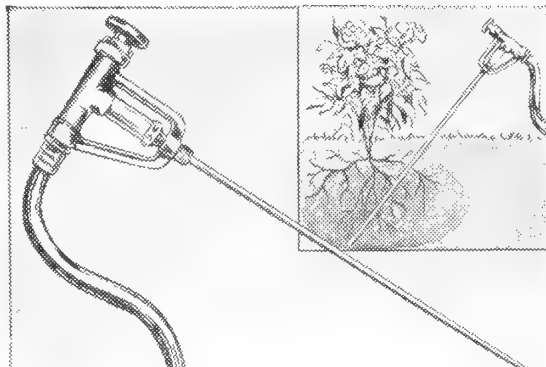
We solicit inquiries for Myers Spray Guns and accessories.

### SMITH'S AQUAMATIC NOZZLES

(Not shown)

**No. 666 Aquamatic.** Complete with two nozzles. Mailing weight 2 lbs. Price: \$5.12.

**No. 70 Aquamatic.** Control only. Mailing weight 2 lbs. Price: \$3.76.



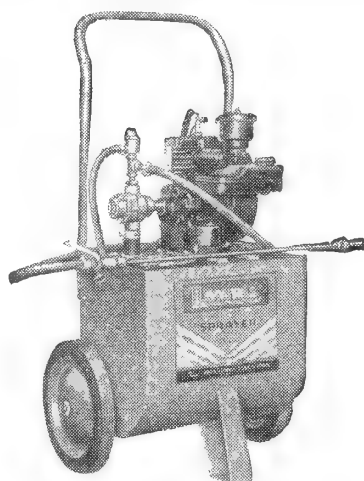
## ROSS ROOT FEEDER

For watering — for fertilizing — Ross Root Feeder puts plant food and water directly to the roots. Produces more vigorous growth. Simple to use. Saves water, time and labor. Just place cartridge in the chamber, attach to hose, push it into the ground to desired depth. Price: \$4.98 complete with 12 neutral complete Plant Food cartridges. Extra cartridges \$1.00 a box of 12 neutral cartridges (8-16-8) for balanced growth for most plants, Roses, shrubs and trees.

Starter cartridge (10-52-17) high in phosphorus for quick rooting.

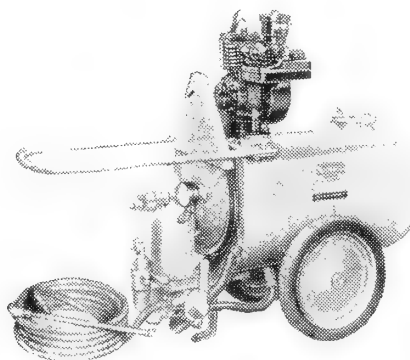
Acid cartridge (10-20-20) for balanced growth for evergreens, berries, Apples and all acid loving plants.

## LOWELL POWER SPRAYERS ROLL-N-SPRAY—10 Gallons



A compact, easily handled power sprayer that's just right for the average home yard and garden. Welded steel tank is perfectly balanced on 12x1¼ in. cushion-tired wheels. Over-flow agitation. 0 to 100 lbs. pressure from efficient Hydro pump and pressure regulator. 1 H.P. engine. Has 12 feet of ¾-in. hose, rotatable control valve, 24-in. brass extension and Any-Spray nozzle.

**No. 6908 ROLL-N-SPRAY.** Price: \$139.50.



## SPRAYCAT—15 and 30 Gallons

Rugged and economical, these sprayers are available with half oval steel tanks. Provided with positive piston pumps and pressure regulators with gauge providing pressures to 250 lbs. Rolls easily on 16x2 cushion tires. Both have 1 H.P. engine, 30 ft. of ¾-in. hose and single nozzle spray gun.

**No. 64015 Spraycat, 15 gal.** \$224.50.

**No. 64034 Spraycat, 30 gal.** \$242.45.

## MYERS NEW IDEA KNAPSACK SPRAYERS



**No. 1330AX Myers New Idea Galvanized Tank Knapsack Sprayer** with ¾-in. oil-resistant hose, 18-in. brass extension with 45° spray nozzle. Price: \$38.00.

**No. 1331AX.** Same as No. 1330AX except with brass tank. Price: \$52.00.

## MYERS PORTABLE SPRAYER

Suitable for greenhouse work, spraying trees, whitewashing, painting, etc.



**No. R336½B. Myers Portable Sprayer** with dasher and jet agitator, 12½-gal. tank, 15 ft. ½-in. 5-ply discharge hose, 8-ft. steel pipe extension and Vermorel nozzle. Price: \$55.00.

**No. 327½ Myers Bucket Pump.** (Not shown.) Price: \$11.75.

**Myers "Silver Prince" Portable Sprayer.** Wheelbarrow type engine-powered model (not shown), 12½-gal. tank capacity; 225 pounds pressure, capacity 2 GPM. Rubber-tired wheels.

**No. 5302-2ER12½.** Price: \$213.00, f.o.b. Ashland, Ohio.



## MYERS "PESTOP" SPRAYERS

**No. 2175** (as shown.) 1¼-gal. capacity. Easy to fill funnel top. This size sprayer designed especially for the ladies. Shipping weight 8 lbs. Price: \$10.35.

**No. 2300.** (Not shown.) 3-gal. capacity. Funnel top. Shipping weight 9 lbs. Price: \$9.05.

**No. 2350T.** (Not shown.) 3½-gal. capacity. Open top for easy filling. Shipping weight 10 lbs. Price: \$14.10.

Send for circular describing these new sprayers.

All prices subject to change without notice.





### PARMAK ELECTRIC FENCE CONTROLLERS

**Quality and Dependability at Low Cost DeLuxe Field Model.** (As shown). The finest battery operated electric fence built today. Fully water-proofed, portable outdoor model with heavy steel battery compartment. Price: \$22.50. Shipping weight 14 lbs.

**Standard Field Model.** (Not shown.) High quality, weather-proof outdoor model. Heavy steel case with battery compartment. Price: \$19.85. Shipping weight 12 lbs.

**Stocker Model.** (Not shown.) Well constructed low cost model for indoor operation. Heavy steel case, baked enamel finish. Uses any type 6-volt battery. Price: \$13.75. Shipping weight 7 lbs.

**Vita-Valve Model.** (Not shown.) 110-volt A.C. This safe dependable model is approved by Underwriters Laboratories. Heavy galvanized steel case, furnished complete, ready to plug into A.C. line. Price: \$29.75. Shipping weight 15 lbs.

### COPPER CROWN ELECTRIC FENCE WIRE

Copper Covered Steel



Heavy, welded on copper covering protects from rust, 30% copper, 70% steel. Copper Crown Wire carries just as hot a shock as larger sized smooth or barbed wire. Price: Per 160-rod spool, \$12.25. Mailing weight 15 lbs.

**Galvanized Electric Fence Wire** (19 gauge). 160-rod spools (1/2 mile). Price: Per spool, \$5.25. Shipping weight 22 lbs.

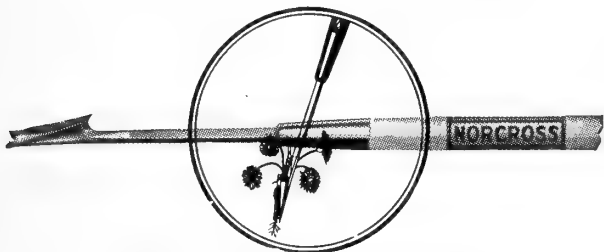
**Fence Insulators, Spring Gate Handles, Spring Tie Clips** and other fence accessories, prices on request.

### ELECTRIC FENCE POST FOR ELECTRIC FENCING

**No. 700-T ELECTRIC FENCE POST**

A "Tee" iron post 54 in. high with large size anchor plate with 2 insulators and mountings. Finished in bright rust resistant red enamel. Packed 10 to carton. Sold only in units of 10. Shipping weight per carton, 32 lbs. Price: 85c each.

**Quick-Set "U-Lug" Style Steel Fence Posts With Ground Plate.** 6 1/2-foot. Price: 1-24, \$1.15 each; 25-49, \$1.10 each; 50 or more, \$1.08 each. 7 1/2-foot. Price: 1-24, \$1.35 each; 25-49, \$1.30 each; 50 or more, \$1.25 each.



### NORCROSS OUT-U-KUM WEED PULLER

**No. 35N.** Length 36 in. Forged head, polished prongs ..... Each \$1.40

**NORCROSS DANDELION WEEDEE** Each

**No. 70N.** Forged blade. Length over-all 45 inches ..... Each \$1.15

# Farm and Garden Supplies

## FOUR-TINE SPADING FORK



12-in. Tines; Approximate Width 7 1/2 in. 30-in. I. D. Handle

Each  
**No. MS.** True Temper ..... \$3.66  
**No. MSL.** True Temper, long handle ..... 3.45  
**No. POLD.** Briar edge, D-handle ..... 3.25

## MEADOW HOE



Long Socket Pattern; 3 1/2 Inches Deep; 4 1/3-ft. Handle

Each  
**No. M08.** True Temper Blade, 8 inches wide ..... \$2.95  
**No. M09.** True Temper Blade, 9 inches wide ..... 3.00

## SQUARE TOP ONION HOE

4 1/3-ft. Handle; Blade Width 7 Inches; Blade Depth 1 3/4 Inches

**No. S71 3/4.** True Temper ..... Each \$2.85

## CORN HOE

4 1/3-ft. Handle; Blade Width 8 1/2 Inches; Blade Depth 2 3/4 Inches

**No. CT08 1/2.** True Temper ..... Each \$3.10

## TURF EDGER (Flat Top)

4-ft. Handle; Blade 9 Inches Wide; 4 1/4 Inches Deep

**No. 040F.** True Temper ..... Each \$3.00

## POTATO HOOKS



Long Ferrules—4 1/3-ft. Handle; 7-inch Tines; Goose Neck Pattern

**N. 5GNR.** 5-tine, True Temper ..... Each \$4.05

## MORTAR HOES

Shank Pattern. 5 1/2-ft. Handle

Each  
**No. 9.** 9-inch, True Temper ..... \$5.00  
**No. 10.** 10-inch, True Temper ..... 5.35  
**No. M210.** 10-inch, True Temper with 2 holes ..... 5.35

## SCUFFLE HOE

(Push or Pull)

2 1/2 inches deep; 8 inches Wide; 5-ft. Handle

**No. XGS5.** True Temper ..... Each \$3.70

## RUGG WOODEN RAKES

Each  
**No. 05.** Hay Rake, 14 teeth ..... \$2.15  
**No. 39.** Lawn Rake, 28 teeth ..... 2.30

## DISSTON SPRING RAKE

(Not Shown)

The Disston Spring Rake is outstanding. The only rake with a "Backbone" Spring which takes the strain off the teeth.

Each  
**No. D18A.** 18 inches wide ..... \$3.30  
**No. D24A.** 24 inches wide ..... 3.95

## TRUE TEMPER HAY FORK



Regular 3-Tine; Tubular Ferrules; Bent Handle; 13-inch Oval Tines

Each  
**No. 0133 1/2 B.** 3 1/2-ft. handle ..... \$3.95  
**No. 0134 B.** 4-ft. handle ..... 4.10  
**No. 0134 1/2 B.** 4 1/2-ft. handle ..... 4.20  
**No. 0135 B.** 5-ft. handle ..... 4.35

## MANURE FORK



Five-Tine; Tubular Ferrules—13-inch Tines

Each  
**No. 054.** True Temper, long handle, 4-ft. ... \$4.45  
**No. 05D.** True Temper, 32-inch bent D handle ..... 4.60  
**No. 06D.** True Temper, 32-inch bent D-handle, 6-tine ..... 4.85  
**No. 064.** True Temper, long handle, 4-ft.; 6-tine ..... 4.75  
**No. P06D.** Briar D-handle, 6-tine ..... 4.25

## ENSILAGE OR BARN FORK



16-inch Oval Tines—30-inch Bent D-Handles

Each  
**No. 508.** True Temper, 8-tine ..... \$8.50  
**No. 510.** True Temper, 10-tine ..... 9.45

## STONE OR BALLAST FORKS

30-inch Bent D-Handles—10-inch Tubular Ferrules

Each  
**No. 98S.** 8-tine True Temper ..... \$9.35  
**No. 102S.** 12-tine True Temper ..... 11.75  
**No. 6L.** Stone Picker Fork, 4-ft. handle .. 5.40

## STEEL GARDEN RAKE



LEVEL HEAD

14 Straight Teeth—Long Ferrules

Each  
**No. T14.** True Temper, 5 1/2-ft. handle .... \$2.90  
**No. X14.** True Temper Heavy Road Rake.. 5.55  
**No. B15.** True Temper Bow Rake, 15 teeth 3.15  
**No. G16.** True Temper Gravel Rake, 16 teeth, 2 1/4-in. teeth ..... 3.25  
**No. PB14.** Briar Edge Bow Rake, 14 teeth 2.70  
**No. PL14.** Briar Edge Level Head Rake, 14 teeth, 2 1/4-in. teeth ..... 2.25

## SPEEDY CULTIVATOR

Four Teeth—4 1/3-ft. Handle

**No. SC4.** True Temper ..... Each \$3.05

## GRASS SCYTHES

Mailing Weight 3 lbs.

Each  
True Temper Briar Edge ..... \$3.10  
Little Giant ..... 3.50

## WEED OR BRUSH SCYTHES

(Specify)

True Temper Briar Edge ..... \$3.10

## SCYTHE SNATHS

Each  
**No. 50.** Ash Grass ..... \$4.30  
**No. 105.** Bush Snaths ..... 4.75

## TRUE TEMPER COKE FORKS

Each  
**No. 710.** 10 tines, 1 1/4-in. bewteen tines... \$10.55  
**No. 712.** 12 tines, 1 1/4-in. between tines... 11.75

## BRUSH HOOKS

Each  
**No. 1130.** Collins. With 36-in. handle. (3 lbs.) ..... \$5.00  
**No. 19.** Little Giant Combination Axe and Hook ..... 6.95  
**No. 10.** True Temper "Bloods." 36-in. handle. 3 1/2-lb. head ..... 5.00

## DANDELION DIGGER

**No. DW.** True temper with 42-in. fire-hardened, over-all length, 4 ft. .... Each \$1.15

## TRUE TEMPER GARDEN TOOLS

Each  
**No. IGC3.** 3-prong, True Temper Invincible Cultivator ..... 2.70  
**No. IGC5.** 5-prong, True Temper Invincible Cultivator ..... 3.25  
**No. TR8.** 8-Tooth Floral Rake ..... 1.95  
**No. DST.** True Temper Garden Trowel ... 1.60  
**No. IGH7.** Italian Grape or Grading Hoe.. 4.87

## GRASS HOOKS

Each  
**No. 2.** True Temper ..... \$1.25  
**No. 1 1/2.** Champion (True Temper) ..... .95  
**No. 5.** Lightning (North Wayne) ..... 1.40  
**No. 11.** Nolin's (North Wayne) ..... 1.80  
Mailing Weight 2 lbs.

# Garden and Lawn Supplies

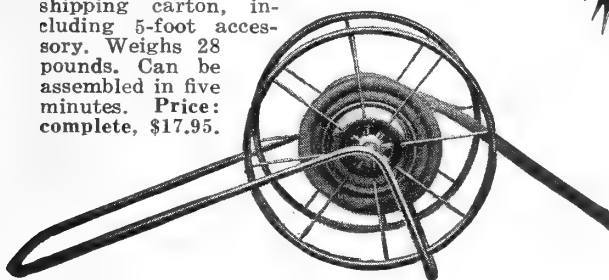
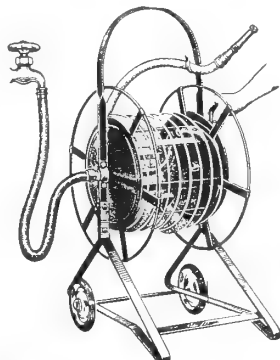
## NEW TRUE TEMPER DYNAMIC LAWN RAKE

No. DL22. Large capacity but weighs under 2½ lbs. Over-all spread of teeth 20 inches. A perfect all-purpose lawn rake. Price: \$2.25.



## THE SALEM REAL-REEL

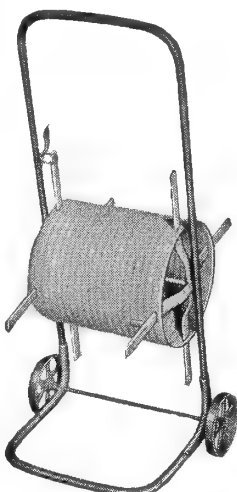
Holds 150 feet of hose. Packed one to shipping carton, including 5-foot accessory. Weighs 28 pounds. Can be assembled in five minutes. Price: complete, \$17.95.



## STYLE "B No. 10" GARDEN HOSE REEL

Tubular steel frame and rims. Sheet steel corrugated galvanized drum. Capacity 125 ft. of 5/8 in., or 100 ft. of 3/4 in. garden hose. Price: \$8.65.

"Bluebird" Garden Hose Reel. Tubular steel frame, corrugated sheet steel drum. Capacity 100 ft. of 5/8-in. garden hose. Price: \$5.25.



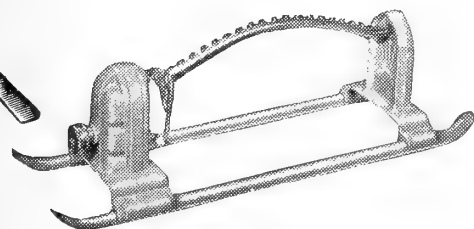
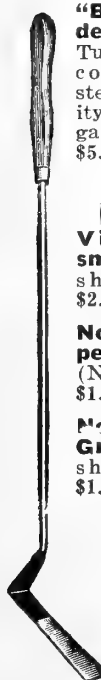
Bluebird

## GRASWHIP

Village Blacksmith No. 165. (As shown.) Price: \$2.25.

No. 29 True Temper Grass Whip. (Not shown.) Price: \$1.69.

No. 62 Lightning Grass Whip. (Not shown.) Price: \$1.20.

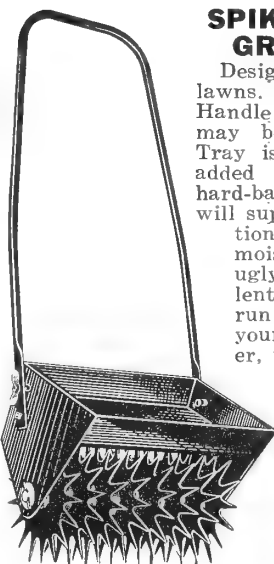


## MODEL 950 "AVON" OSCILLATING SPRINKLER

Oscillating lawn and garden sprinkler is the most practical method of sprinkling with the least amount of water. Its unique principle of oscillating back and forth enables lawn on one side to absorb while the other side is being irrigated, thus preventing wash or pools of water. Operates satisfactorily on 30 lbs. water pressure and will sprinkle an area of 1500 sq. ft. or more depending on pressure. Provided with adjusting features to sprinkle limited areas and made of finest materials available with mechanism encased in separate chamber and packed with water repellent grease. Primed with zinc chromate and finished with high grade durable lacquer. All other parts are chrome plated. Mailing weight 5 lbs. Price: \$14.95.

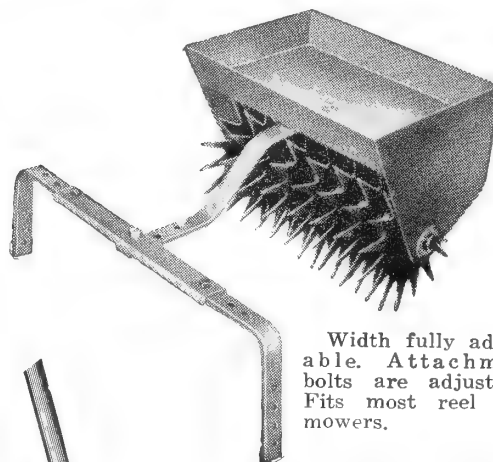
## SPIKE DISC LAWN AND GREEN CULTIVATOR

Designed especially for home lawns. New PUSH or PULL model. Handle fully adjustable so spiker may be either pushed or pulled. Tray is provided for weight to be added for deeper penetration of hard-baked soil. Spike Disc Aerator will supply the proper kind of aeration and permit retention of moisture, all tending to combat ugly "brown patch," so prevalent in summer months. Simply run the Spike Disc Aerator over your lawns as you do your mower, the spikes do the rest. Eight discs of high carbon alloy steel, each 10 in. diameter. Spiking width 16 in. No. 8. Price: \$21.00.



**Spike Disc for Attachment to Power Mower.** For use with most "reel type" home lawn power mowers. Adjustable yoke and hitch designed for quick attachment to side castings of roller assembly, all you need is a small wrench. Spiking width is 16 in.

No. 18. Price: \$24.00.



Width fully adjustable. Attachment bolts are adjustable. Fits most reel type mowers.

## RUGG "KLEEN SWEEP" RAKE

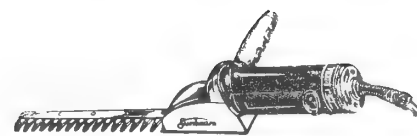
Fitted with steel neck. "Kleen Sweep" cleans the finest lawns. The wooden handle is reinforced with strong steel collar where most of the breakage occurs.

No. 41. 18-inch head, 30 teeth. Price: \$1.95.



## RUGG "KLEENUP" RAKE

A low priced durable rake. 22 teeth. No. 48. Price: \$1.29. Disston No. 112 Electric Hedge Trimmer. Double cutting efficiency—two moving cutting blades instead of one. 11-in. cutting blade. Price: \$45.00.



## A-1 SUNBEAM HEDGE TRIMMER

Faster, easier way to trim hedges, shrubs, ornamental trees. So light in weight it can easily be used with one hand. Saves time—gives neat, professional results—takes arm-aching drudgery out of trimming. Well balanced for easy handling.

No. A-1 Sunbeam Hedge Trimmer. 110V. AC-DC. Packed one to a box. Shipping weight 7 lbs. Price: \$46.75.

No. G-11BW. Extension Cord. 50 ft. Mailing weight 4 lbs. Price: \$4.50.

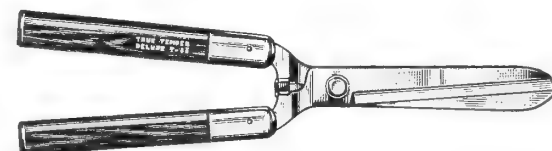
No. G-12BW. Extension Cord. 75 ft. Mailing weight 5 lbs. Price: \$5.95.

No. G-13BW. Extension Cord. 100 ft. Mailing weight 7 lbs. Price: \$7.95.



## TRUE TEMPER No. T85 DE LUXE HEDGE SHEAR

A new shear of deluxe construction for the expert gardener. 8½-in. blade, mirror polished with lower blade serrated for fast efficient cutting action. Mailing weight 3 lbs. Price: \$5.25.

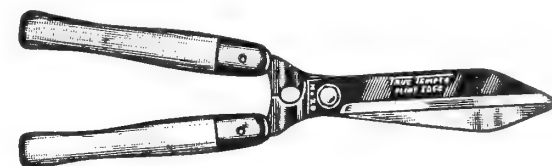


## TRUE TEMPER HEDGE SHEAR

True Temper Dynamic Hedge Shears are made from finest quality hedge shear steel and precision fitted.

Blades: Upper knife sharp, lower serrated. Dynamic hinge bolt and nut designed especially for this shear gives close and positive adjustment. Fire hardened oval design handles.

No. TD. Blade length 8½ inches. Mailing weight 3 lbs. Price: \$4.25.



## TRUE TEMPER No. 20 "FLINT EDGE" HEDGE SHEAR

Made by True Temper for home owners use at a moderate price. 8-in. special analysis steel blades. Hardened and tempered shaped round handles 9 in. long. Over-all length 19½ in. Mailing weight 3 lbs. Price: \$3.50.



## TRUE TEMPER No. L6 FLINT HEDGE SHEAR

Ladies' Model. 6-in. blades, extra light-weight. Ideal for small homes to trim hedges and grass. 6 in. special analysis steel blades. Mailing weight 2 lbs. Price: \$2.50.

# Farm Equipment and Dairy Supplies

## CALF-TERIA NIPPLE PAIL

First choice of calf-raisers everywhere—because Calf-Teria pays for itself twice over (in milk savings) as compared to any other nipple pail on the market. 26 gauge galvanized steel 8-quart size. Price: \$2.75. Mailing weight 4 lbs. Extra nipples. Price: 60c each. Extra valves, price: 80c each.

Dairy pails, milk strainers, cotton strainer discs, bottle carriers, bottle crates, milk cans, bottle brushes and other dairy supplies and remedies.

## MID-WEST PULL MILK BOTTLE CAPS—STOCK DESIGNS



Design No. 1405 Design No. 2507 Design No. 1433

**Design No. 1395. Milk Pasteurized.** (Not shown.)

**Design No. 1859. Goat Milk.** (Not shown.)

**Design No. 2575. Chocolate Milk Beverage.** (Not shown.)

All above caps are 40-point board, packed in tubes of 500. Price per 1000, \$1.65; 5000, \$1.55 per 1000; 10,000, \$1.45 per 1000. Mailing weight 4 lbs. per 1000.

See us for your Special printed bottle and can caps.

## UNIVERSAL MILK BOTTLES

	Doz.	Gross	Ask
1 quart .....			for
1 pint .....			Prices
1/2 pint .....			

Prices on plain and colored lettered ware quoted on request.

## DAZEY CHURN

New glass jar of sensational design. Easier to clean, more butter, no sharp corners to pocket unchurned cream. New jar can be cleaned easily, quickly. Fully enclosed high-speed gears; longer crank makes churning faster, easier.

<b>No. 4.</b> 4-qt. size. (Churning capacity 2 qts.) .....	\$5.95
<b>No. 8.</b> 8-qt. size. (Churning capacity 4 qts.) .....	6.95
<b>No. 4J.</b> 4-qt. glass jar .....	1.75
<b>No. 8J.</b> 8-qt. glass jar .....	2.50
<b>No. 4ER.</b> 4-qt. electric glass churn .....	24.95
<b>No. 8ER.</b> 8-qt. electric glass churn .....	27.95

**No. 1. CALF LEATHER NECK STRAPS.** 30-in. by 1-in. Price: \$1.35; postpaid, \$1.60.

**No. 36. TAN COW HALTER.** 1 1/4-inch, riveted. Weight 2 lbs. ....\$3.00

**No. 39 CALF HALTER.** 1-inch. Weight 2 lbs. .... 2.25

**PERCHERON TAN HORSE HALTER.** 1 1/4-inch, sewed and riveted. Weight 4 lbs. ....5.50

**No. 530. SOLID BACK, ENAMELED CURRY COMB** ..... .60

**No. 1 REFORM CURRY COMB.** 3 corrugated Shells, oval shape, leather strap ... .65

**No. 100. 6-BAR OPEN CURRY COMB** .. .40

**No. 15.** 4 coils, reversible spring steel black handle ..... .65

**No. 444. CATTLE CARDS.** Small, special fibre, 5 3/4"x3 1/2" ..... .60

## BROOMS

**No. 8. Hamburg Corn and Rattan Broom** .....\$2.45

**No. 9. Hamburg Corn and Rattan Broom** ..... 2.60

**No. 10. Hamburg Corn and Rattan Broom** ..... 2.85

**No. 7. Hamburg Peerless House Broom** ..... 2.35

**No. 6. White Cross House Broom** ..... 2.35

**No. 500-D Osborn 16-in. Brass, 5-Row Push Broom with Handle** ..... 3.95

## DR. NAYLOR'S VETERINARY PRODUCTS

**MEDICATED TEAT DILATORS.** For the treatment of spider teat, scab teat, cut and bruised teats, obstructions. Medicated, packed in antiseptic ointment. Large pkg. (45 dilators), \$1.00; postpaid, \$1.25. Trial pkg. (16 dilators), 50c; postpaid, 75c.

**UDDER BALM.** Antiseptic ointment, stays in prolonged antiseptic contact, reduces danger of infection. Soothing, healing ointment for many everyday uses. Price: \$1.00; postpaid, \$1.25.

**UDDER LINIMENT.** Antiseptic massage cream, relieves soreness, reduces congestion. Price: \$1.00; postpaid, \$1.25.

**LINITE.** Antiseptic compound for stubborn conditions, hoof rot, canker, thrush. Price: \$1.00; postpaid, \$1.25.

**DIRENE.** Antacid, intestinal astringent for simple diarrhea, acid indigestion. Price: \$1.00; postpaid, \$1.25.

**STOP-A-LEAK.** For cow's teats that leak milk. Tightens muscle end of teat. Price: \$1.00; postpaid, \$1.25.

**DEHORNING PASTE.** A quick and economical method of dehorning young animals. 4-oz. jar, price, \$1.00; postpaid, \$1.25.

**ANTISEPTIC DUSTING POWDER.** For galls, blisters, skin irritations. Price: 50c; postpaid, 75c.

**BLU-KOTE.** For cow pox, ring worm, skin abrasions. Is effective against both pus producing bacteria and common fungus infections. 4-oz. dauber bottle, price, \$1.00; postpaid, \$1.25.

**MASTITIS INDICATORS.** Brom Thymol Test Blotter for early detection of mastitis infection. Package of 34 blotters, 50c; postpaid, 75c.

**KOW KARE.** The concentrated tonic, conditioner and regulator to promote assimilation, aid low cost milk production and build up vigor for calving. \$1.00 size, mailing weight 2 lbs.; \$1.50 size, mailing weight 4 lbs.

**BAG BALM.** For teat and udder ills and all farm healing. \$1.00. Mailing weight 1 lb.

**BAG BALM DILATORS.** For quick healing of spider scales, bruises, etc. 25 dilators sterilized and packed in Bag Balm. \$1.00, mailing weight 1 lb.

## WYETH VETERINARY PRODUCTS

**No. 1A414 PENSTIX, PENICILLIN BOUGIES.** 75,000 units. Vial of 6, price, \$1.89; postpaid, \$2.10. Vial of 12, price, \$3.19; postpaid, \$3.40.

**No. 1A288 PENSTIX—3M PENICILLIN-DIHYDRO-STREPTOMYCIN BOUGIES.** 75,000 units. Vial of 6, price, \$2.34; postpaid, \$2.55. Vial of 12, price, \$3.89; postpaid, \$4.10. We have complete stock of the other Wyeth Veterinary Products. Send for complete circular.

## GRAYLAWN FARM LOUSE-CHASE

Kills every louse at trifling cost. 9-oz. can, 50c; 22-oz. can, \$1.00.

## "KANT SUK" WEANERS

**No. 1055 for Calves.** Price: 55c.

**No. 1055 1/2 for Yearlings.** Price: 65c.

**No. 1056 for Cows.** Price: 75c.

Mailing weight, 1 lb.

## STERLING SALT BRICKS

	Each	Case
<b>Plain.</b> 15 4-lb. bricks to case .....	\$0.25	\$3.25
<b>Iodized.</b> 15 4-lb. bricks to case ...	.30	3.50
<b>Trace Mineral Blusalt.</b> 15 4-lb. bricks per case .....	.35	3.75
Also 50-lb. pasture blocks of all three of the above.		

**COW TIES.** No. 2/0 open ring, 3 ft. Price: \$1.15; 3 1/2 ft., price, \$1.30; 4 1/2 ft., price, \$1.50. No. 2/0 Tenso tie out chains, 20 ft., price, \$1.90; 30 ft., price, \$2.65.

## JOHNSON & JOHNSON COTTON DISCS

6 in. 300 to carton. Plain .....	\$2.20
Single face .....	2.95
6 1/2 in. 300 to carton. Plain .....	2.35
Single face .....	3.25
Mailing weight 3 lbs.	

**B-K GENERAL CLEANER.** 125-lb. drum, \$16.00 each; 350-lb. barrel, \$43.75 each; 10-lb. carton, \$2.46; 5-lb. carton, \$1.31.

**B-K BOTTLE COMPOUND.** 130-lb. drum, \$10.05 each; 340-lb. drum, \$26.35.

**B-K POWDER AND B-K LIQUID** for dairy and poultry; 1-gal. bottle liquid, \$2.00. 1 1/4-lb. bottle powder, \$1.85; postpaid, \$2.15. 9 1/3-oz. bottle powder, 95c; postpaid, \$1.20.

## FENCE AND BARB WIRE

**80-Rod Spools Lyman.** 4 pt. barb wire. Market Price

**80-Rod Spools.** 2-ply twisted wire. Market Price.

**10-Rod Roll 1948-6 Specification 14 1/2 Fence Wire.** 18 horizontal bars 48 in. high, 6 in. stay. Market Price

**20-Rod Roll 1047-6 Specification 11 Fence Wire.** 10 horizontal bars, 47 in. high, 6 in. stay. Market Price

**20-Rod Roll 1047-12 Specification 11 Fence Wire.** 10 horizontal bars, 47 in. high, 6 in. stay. Market Price

**20-Rod Roll 832-6 Specification 11 Fence Wire.** 8 horizontal bars, 32 in. high, 6 in. stay. Market Price

Have the above different rolls of fence wire in specification 12 1/2 which is lighter, also priced lower.

See us for:

**Poultry Netting, Heavy Galvanized Netting and Hardware Cloth. Lawn Fence and Flower Bed Border.**

## COLUMBIA MANILA ROPE

	Price per lb.
1/4-in. diameter .....	\$0.73 1/2
1/2-in. diameter .....	.68
3/4-in. diameter .....	.71
5/8-in. diameter .....	.67
3/4-in., 7/8 in., 1 in. diameter .....	.64
Ask for prices on coil lots.	

**Binder Twine.** Packed ten 5-lb. balls or six 8-lb. balls to bale. Market Price

**Hay Baler Twine.** Packed 2 20-lb. balls to bale. Market Price



SHAFFER HAND POWER UNITS

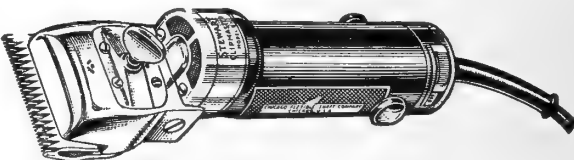
**Midget "Come-Along."** Tested to 2000 pounds. For light duty. Equipped with 4 feet of 1/4-inch BBB high test chain. Length of travel 37 in. Price: \$8.00.

**Standard "Come-Along."** Tested to 6000 lbs. Equipped with 5 ft. of 3/8-in. BBB high test chain. Length of travel 47 in. Price: \$11.00. Send for circular giving further details.

**Heavy Duty "Come-Along."** Tested to 8000 pounds. Equipped with 6 ft. of 7/16-in. BBB high test chain. Length of travel 60 in. Price: \$16.00.

## SUNBEAM STEWART ELECTRIC CLIPMASTER

Ask about the New Sunbeam Stewart Automatic Heat-Control Calf Dehorer. Supplied complete with soldering tip. Mailing weight 3 lbs. Price: \$14.95.



**Model 51-1 Electric Clipmaster.** Quite powerful, ball bearing motor, special heavy-duty rubber cord. Mailing wt., 5 lbs. Price: \$39.95.

**No. 83AU.** Top blade for model 51. Mailing wt. 1/2 lb. Price: \$2.00.

**No. 84AU.** Bottom blade for new model 51. Mailing wt., 1/2 lb. Price: \$2.50.

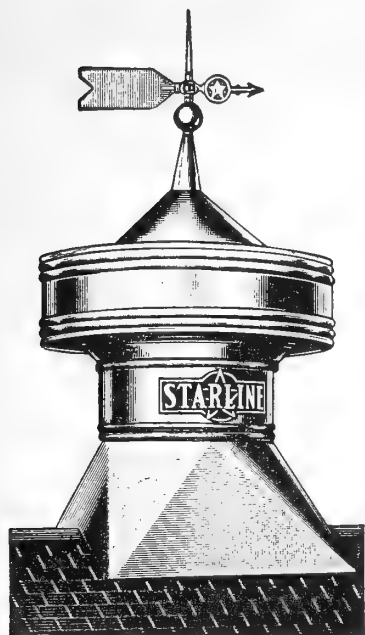
**No. 41A.** Drill Head (supplied without drill bits). Mailing wt., 2 lbs. Price: \$10.25.

**No. 61A.** Grooming brush attachment. Mailing wt., 3 lbs. Price: \$17.50.

**Model 31B-1 Shearmaster.** (Not shown.) With 2 combs, 4 cutters, 110 volt AC-DC. For shearing the farm flock, tagging and shearing around the eyes of wool-blind sheep. Mailing weight 5 lbs. Price: \$49.75.



# Starline Barn Equipment and Farm Supplies



## STARLINE VENTILATORS

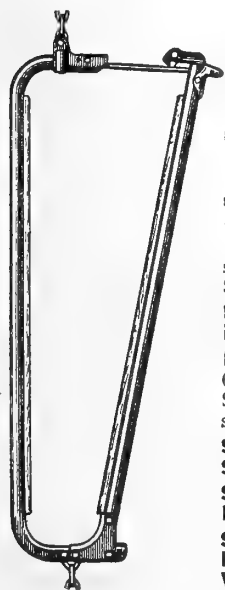
Starline Taper Base Ventilators are generally used on hog houses, poultry houses or other building smaller than the main barn, they usually set on the ridge but can be set on the side roof if desired.

**No. 20 Starline Ventilator.** 20-in.; wt. 65 lbs. Price: \$43.00. (Vane extra.)

**No. 24 Starline Ventilator.** 25-in.; wt. 100 lbs. Price: \$55.50. (Vane extra.)

**No. 30 Starline Ventilator.** 30-in.; wt. 150 lbs. Price: \$68.00. (Vane extra.)

**No. RH-12 Starline Frost-Proof Revolving Head Ventilator.** (Not shown.) 12-in. flue, 16x16 in. base; height 31¼ in.; wt. 20 lbs. Price: \$12.30.



## STARLINE STANCHIONS

**No. 1285W Stanchion.** (Not shown.) Wood lined. Price: \$8.70.

**No. 208W Stanchion.** (As shown.) Wood lined. Price: \$6.70.

**No. 208 Stanchion.** (Not shown.) All steel. Price: \$6.00.

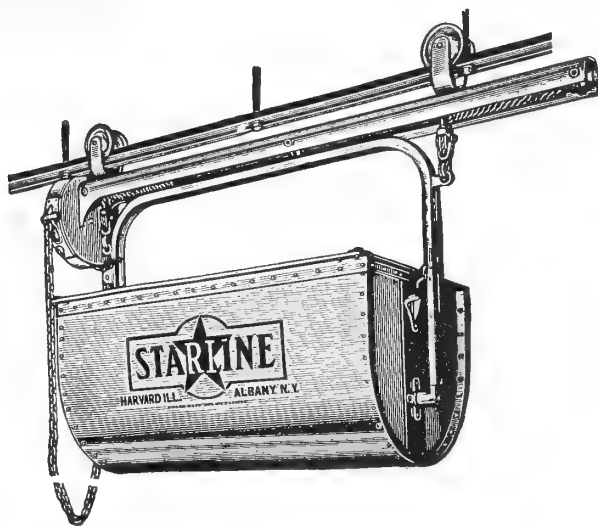
**No. 627 Stanchion Fastenings.** Price: 43c.

**No. 13 Starline Stalls.** 3 ft. 6 in. wide. With No. 1285W Stanchions (and with rust shield). Price: \$28.10.

**Starline No. TA11. Galv. Single Tank.** Price: \$21.70.

**Starline No. TA21. Galv. Double Tank.** Price: \$40.90.

**Starline No. TA10. Stainless Steel Single Tank With Legs.** Price: \$41.30.



## STARLINE LITTER CARRIERS

**No. 411 Starline Streamlined Litter Carrier.** With No. 6 tub (10 bus.) Price: \$103.00.

**No. 411 Starline Streamlined Litter Carrier.** With No. 8 tub. (12 bus.) Price: \$112.00.

**Conveyor Only.** For No. 411 Carrier. Price: \$48.50.

**Bail Only.** For No. 411 Carrier. Price: \$13.00.

**No. 6 Tub.** (10 bus.) (No bail or conveyor.) Price: \$41.50.

**No. 8 Tub.** (12 bus.) (No bail or conveyor.) Price: \$50.50.

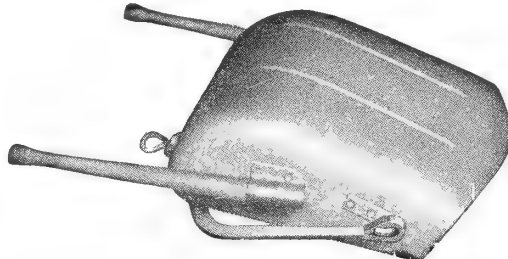
**No. 444 Litter Carrier Track.** 6- and 10-ft. lengths (including No. 852 splicer.) Price: 61c per ft.

**No. 414. 10¼-inch Hangers.** Price: 37c each.

**No. P1272 Starline Floor Truck.** For No. 6 or No. 8 tub. Large wheels have 12x3 in. semi-pneumatic puncture proof tires. Caster wheels 6x2 in. tires of same kind. Price: \$84.00.

**No. 453. 14-bushel New Starline All Steel Feed Truck** with rubber tired wheels. Price: \$69.95.

**No. U12. Starline Electric Fan Unit** with storm hood, shutters, guard, switch and fustat. Price: \$99.00.



## STEEL SCRAPER WITH RUNNERS

**No. 1.** Carries 7 ft. of earth.....\$26.35

**No. 2.** Carries 5 ft. of earth ..... 24.55

**No. 3** ..... 22.85

## HELCA WOOD FRAME MOUNTED GRINDSTONE

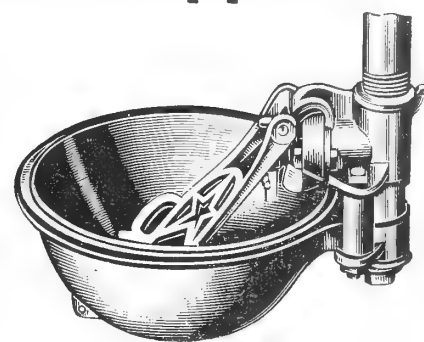
24x2 in. ....\$45.00

24x3 in. .... 49.50

26x2½ in. .... 53.50

26x3 in. .... 53.50

**Helca Motor Driven Grindstone.** Complete with 24x3 in. diameter stone. Price: \$81.95.



## STARLINE WATER BOWL

**No. 235 Starline Water Bowl.** Easy to clean. Works under pressure. Easiest for cow to work. Keeps fresh water before the cow all the time. Furnished in gray enamel. Price: \$6.95.

**No. 1000 Galvanized Pressed Steel Bowl.** Price: \$6.95.

We also stock Cannon Ball Barn Door Track, Hangers, Brackets, Stay Rollers, Pulls, and Latches. Starline Cannon Ball Track is self cleaning, bird-proof track, with self-oil hangers. Prices on all these items on request.

## TRUE TEMPER GARDEN TOOLS



### TRUE TEMPER ROTARY TURF EDGER

All steel construction for greatest strength; adjustable tension for fine or coarse grass. Forged steel cutting blades, self-sharpening. Rubber tired wheel. 4-ft. handle.

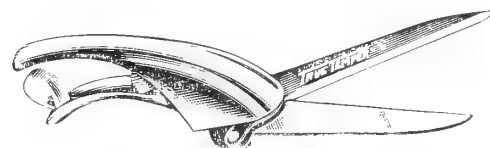
**No. RE1.** One wheel rotary turf edger. Price: \$4.95.

### TRUE TEMPER DYNAMIC GRASS SHEAR

Improved squeeze type action. A precision shear.

**No. 88.** Crystalite maroon. Mailing weight 2 lbs. Price: \$2.75.

**No. 99.** Chrome plated. Mailing weight 2 lbs. Price: \$3.00.



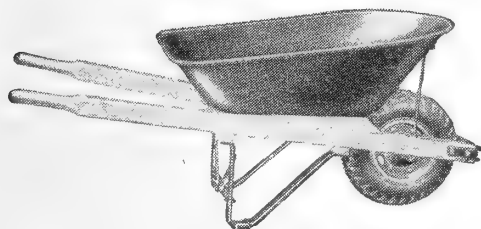
### TRUE TEMPER No. 33 GRASS SHEAR

Spring action tempered steel. Sturdy, one-piece construction. Sheep shear type. Mailing weight 1 lb. Price: \$1.10.



**No. GTH Tool Holder.** Price: \$1.95.

## JACKSON STEEL TRAY WHEELBARROW



**No. M4-22.** Steel tray, round front. 4 cu. ft. with 2-ply 16x4 plain bearing rubber tired wheel. (As shown.) Price: \$29.25.

**No. M-4-12.** With steel wheel. (Not shown.) Price: \$20.00.

**No. M11-22.** Deep steel tray, round front. 5 cu. ft. with 2-ply 16x4 plain bearing rubber tired wheel. (Not shown.) Price: \$31.50.

**No. M11-13.** With steel wheel. (Not shown.) Price: \$22.95.



**Jax Deluxe All Steel Barrow** with sectional steel handles, rubber grip with 2.75 rubber tired wheel, square front. (As shown.) Price: \$13.95.

**No. K5-22 Steel Tray.** Square front, 4 cu. ft. with 2-ply 16x4 plain bearing rubber tired wheel. (Not shown.) Price: \$25.95.

**Jackson Home Middy No. 275 Barrow** with 10 in. x 2.75 rubber tired wheel. (Not shown.) Price: \$12.95.

**Middy No. 11R.** Steel wheel. (Not shown.) Price: \$11.75.

See us for extra steel trays and rubber tired wheels.

**Jackson Garden Cart.** Capacity 3½ cu. ft. Wheels double disc puncture proof; extra wide tread. 10x1.75 tires. Price: \$10.85.

**Jackson 2-in-1 Spreader Cart.** Capacity 3½ cu. ft., with 10x1.75 tires on disc wheels. Serves as a spreader and as a garden cart. A spreader for all kinds of lawn seed, lime and fertilizer, and a cart for lawn, garden and general use around the house. Price: \$19.95.

# Poultry Supplies

## FOUNTS

### OAKES BASE FOUNTS FOR MASON JARS

**No. 65.** Red plastic base. Price: 25c each; \$2.85 per doz.

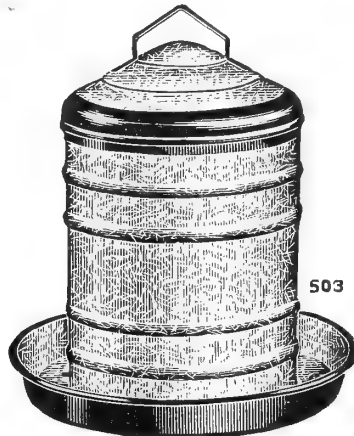
**No. 69G.** Galv. metal base. Price: 19c each; \$2.20 per doz.

**No. 64.** Sani-flow glass pan. Price: 18c each; \$2.25 per doz.

**No. 16P.** Oakes New Plastic Coated Egg Basket. Cap. 15 doz. eggs. Price: \$2.95 each.

**No. 15A.** Galvanized Egg Basket. Cap. 15 doz eggs. Price: \$1.90 each.

**No. 15050.** Smith Gates Electric Poultry Water Warmer. Mailing weight 1 lb. Price: \$5.55.



## OAKES FOUNTS

OAKES DOUBLE WALL FOUNTAINS are made of heavy gauge Armco zinc grip steel.

**No. 502.** 2-gal. capacity. Mailing weight 6 lbs. Price: \$2.94.

**No. 503.** 3-gal. capacity. Mailing weight. 7 lbs. Price: \$3.80.

**No. 505.** 5-gal. capacity. Mailing weight 11 lbs. Price: \$4.95.

**No. 508.** 8-gal. capacity. Mailing weight 15 lbs. Price: \$7.15.

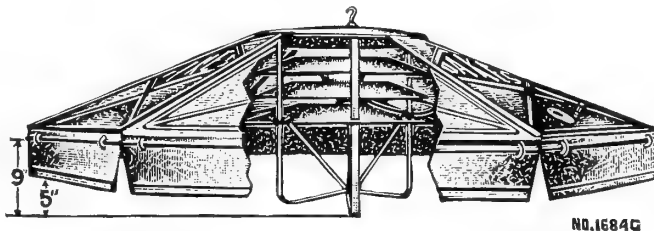


## OAKES DRUM TYPE GAS BROODER

### No. 1560G. DRUM TYPE GAS BROODER.

Burns artificial, natural or butane gas. Heat radiating drum 22½ inches diam. Canopy 60 inches diam. Broods 450 to 500 chicks. No wet litter under hover. Very economical operation. Automatic temperature control. Enclosed burner—no fire hazard. Can be hung from ceiling. Shipping weight 56 lbs. Price: \$38.40.

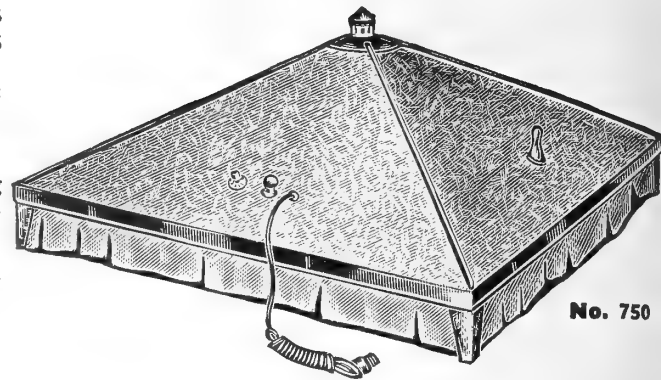
**No. 1584G.** Same as above with 84-in. canopy. Shipping weight 75 lbs. Price: \$44.80.



## NEW No. 1684G OAKES COMFORT SPOT GAS BROODER

Suspension hook for swinging brooder, 3 specially designed baffles put heat where it should be, 4-in. apron can be raised or lowered. 5-in. clearance from floor with apron down. Big 20,000 BTU heater burns bottled or natural gases. Price: \$51.00.

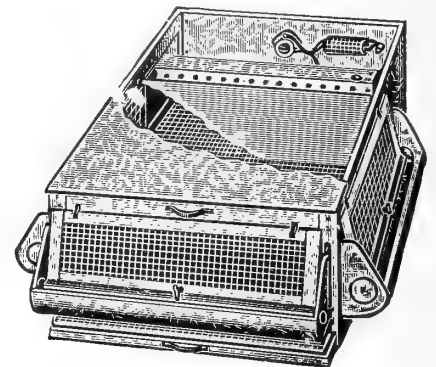
## OAKES ELECTRIC BROODERS



**No. 750.** Fan type 52x52 canopy. Capacity 350 to 385 chicks ..... \$50.00

**No. 751.** Fan type 48x72 canopy. Capacity 500 chicks ..... 63.00

**NEW ELECTRIC BROODER. No. 770.** 125 to 150 capacity. Complete with drop cord, auto heat control. Weight 22 lbs. Price: \$16.50.



## OAKES "GRO-EZY" ELECTRIC BROODER

Gro-Ezy Brooders are made entirely of metal; easy to clean. Has guaranteed heater, 110-volt AC automatic thermostat, troughs and drop cord.

**No. 801A.** Single unit, shipping weight 42 lbs. Price: \$20.00.

See Us for Oakes Complete Batteries

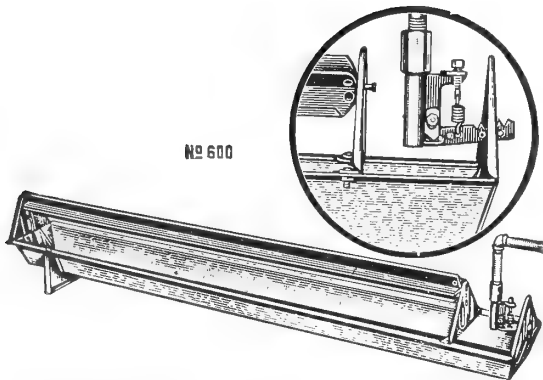


## OAKES INFRA-RED BROODER WITH GUARD

**No. 1724G.** Infra-Red Brooder With Heavy Guard. Complete with 4 red glass 250 watt bulbs. Price: \$22.00.

**No. 1724B** Red Bulbs. 250 watt. Price: \$1.95 each.

**No. 724** Infra-Red Brooder With 4 White Infra-Red Bulbs. Price: \$16.80 each.



**Oakes No. 600 Automatic Watering Trough.** With 2-way water valve. Price: \$5.70.

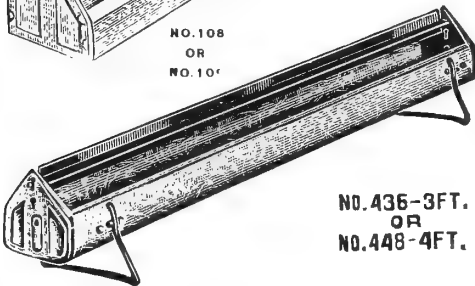
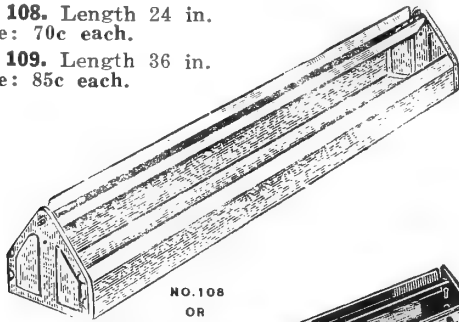
**No. 603 Water Trough** only. Price: \$2.85.

**No. 622 2-way Brass Valve** only. Price: \$2.95.

**Oakes Feeder Troughs** for starting Chicks.

**No. 108.** Length 24 in. Price: 70c each.

**No. 109.** Length 36 in. Price: 85c each.



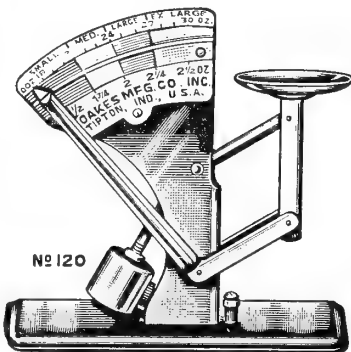
**OAKES STREAMLINED CHICK FEEDER.** A real quality feeder with adjustable stand. 4-blade revolving reel.

**No. 436.** Length 36 in. Price: \$1.66 each.

**No. 448.** Length 48 in. Price: \$2.04 each.

Ask about Oakes Equipment, Broiler Feeders, Flock Feeders, Grit Boxes, Galv. Pans, Wire Guards, etc.

**No. 120 NEW OAKES EGG SCALE - GRAD-ER** with easy to read, 4-color angle dial to make grading or weighing faster and easier. Mailing weight, 2 lbs. Price: \$2.65.



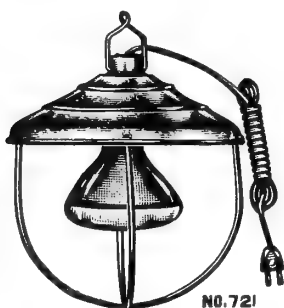
## OAKES ALL-PURPOSE FEED SCOOP

Heavy galvanized steel, 9 in. long; 5¼ in. deep. Capacity 4 qts.

**No. 39F.** Price: \$1.35. Mailing weight 2 lbs.

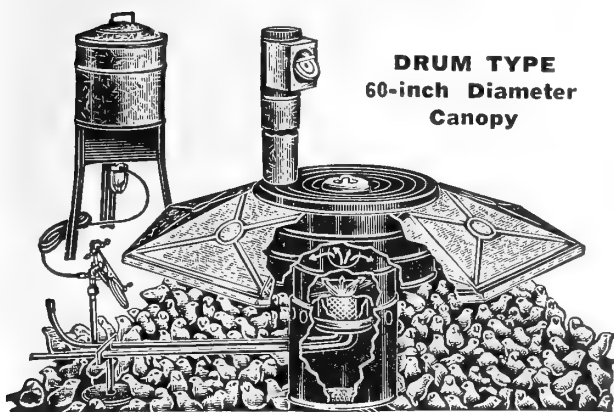


**OAKES No. 721 CHICK - N - PIG BROODER.** Complete with white 250 watt infra-red bulb with wire guard; 6-ft. drop cord. Price: \$3.45.



# Poultry Supplies

## OAKES DE LUXE NO-COLD OIL BROODER



**DRUM TYPE**  
60-inch Diameter  
Canopy

**No. 560. NO-COLD OIL BROODER.** Price: \$42.40.

**No. 361. FUEL TANK STAND.** Extra. Price: \$2.15.



## OAKES PLASTIC BASE FOUNT

This new fount is ideal for starting chicks, broilers and poults. Glass jar is 1-gal. capacity with 5¼-inch top opening. Red plastic drinking pan is 8⅞ inches in diameter.

**No. 70.** Complete jar and base. Price: \$1.03 each; \$12.36 per doz.

**No. 678. Oakes 8-ft. All-Purpose Automatic Waterer.** Recommended for 400 broilers; 100 to 200 laying hens or turkeys. Price: \$15.40.

**No. R10. Oakes Round Hopper Type Feeder.** Big feed capacity. Hopper holds 4 bu. or 200 pounds of feed. Price: \$15.30 each.

**No. R10-WS.** With rain shield. Height adjustable, permits feeding of all types of birds. \$20.50.

## CELLULOID BANDS

### Assorted Colors

	Doz.	100	1000
<b>No. 4.</b> Baby Chick .....	\$0.10	\$0.40	\$3.00
<b>No. 5.</b> Pigeon .....	.10	.40	3.25
<b>No. 6.</b> Growing Chicks .....	.15	.50	4.00
<b>No. 7.</b> Bantams .....	.15	.50	4.25
<b>No. 9.</b> Leghorns .....	.15	.70	5.75
<b>No. 10.</b> Wyandottes .....	.15	.75	6.00
<b>No. 11.</b> Rocks, Red .....	.15	.80	6.50
<b>No. 12.</b> Jersey Giants, Brahmas .....	.15	.85	7.50
<b>No. 13.</b> Large Cocks, Turkeys. ....	.20	1.00	9.50

Postpaid.

## 3x4 CHIP EGG BOXES Handy For Retail Trade

	Weight	Price
Dozen .....	2 lbs.	\$0.35
Bundle of 250 .....	25 lbs.	4.10

Ask for prices in larger quantities.

## RUTLAND WATER GLASS

This preparation is used by many in preference to the dry powder. The preservative will preserve eggs perfectly. Price: 1 pt. (weight 2 lbs.), 35c; 1 qt. (weight 4 lbs.), 50c; 1 gal., \$1.65.

## JEFFY-WAY EGG SCALE

The Jeffy-Way grading scale of new streamline design with four-color zone dial doubles grading speed, for you see instantly the correct weight and grade.

**No. JW-S517.** Mailing weight 2 lbs. Price: \$1.95.

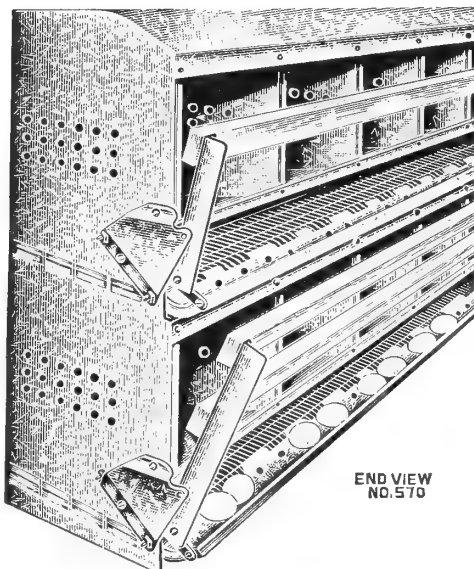
## OAKES GALVANIZED NESTS

**No. 580A. 10-Hole Metal Nest.** (As shown.) Price: \$17.50.



**No. 585A. 15-Hole Metal Nest.** (Not shown.) Price: \$25.60.

**No. 590. Oakes Trap Doors Only.** Set of 5 in carton. Price: \$5.00 set.



END VIEW  
NO. 570

**OAKES No. 570 STA-KLEEN ROLL-A-WAY NEST.** Flush fronts, individual compartments. Removable wire floors each compartment, slope to egg tray. Price: \$34.00.

## CEL-O-GLASS

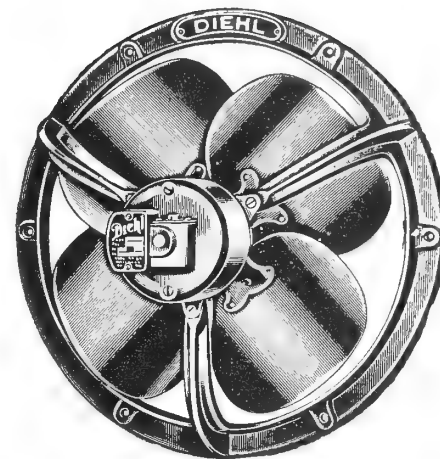
**CEL-O-GLASS** is a glass substitute used by poultry raisers, also by growers for hotbeds. Has many other uses. Du Pont product. Comes in 25, 50 and 100-ft. rolls, in widths 28 in. and 36 in. We offer subject to our being able to obtain from the manufacturer. Price: 16c per sq. ft. in cut lengths; 15c per sq. ft. in full rolls.

## WARP'S WINDOW MATERIALS

**NEW FLEXO GLASS.** Clear, shatter-proof, flexible, durable. Holds in heat. Keeps out cold. Lets in sunshine Vitamin D. 36 inches wide. 100-yard roll, \$78.00; 50-yard roll, \$39.00; 25-yard roll, \$19.50; cut price, 78c per yard.

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Diehl

## VENTILATING FANS for POULTRY HOUSES and Other Farm Applications

These ball bearing ventilating fans are ideally suited to this type of service. They offer protection against dust, moisture and similar factors encountered in poultry house operations, and can be installed with a minimum of time and expense.

**No. 18FPD16.** Price: \$112.00.

**No. 12EQD16.** Price: \$42.50.

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12	1525	950	12EQD16	3282-2
16	1065	1130	16EQD16	3292-2

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Add 10c for postage.

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**LINE-O-HEAT (Tape).** Saves time, trouble and money. This fully tested lineal heater is the result of years of development. It is the toughest, most rugged lineal heater as yet offered.

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**No. LHT60.** 60 ft. long. Mailing weight 3 lbs. Price: \$9.45.

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**No. 143C.** 5-inch pipe cap. 55c.

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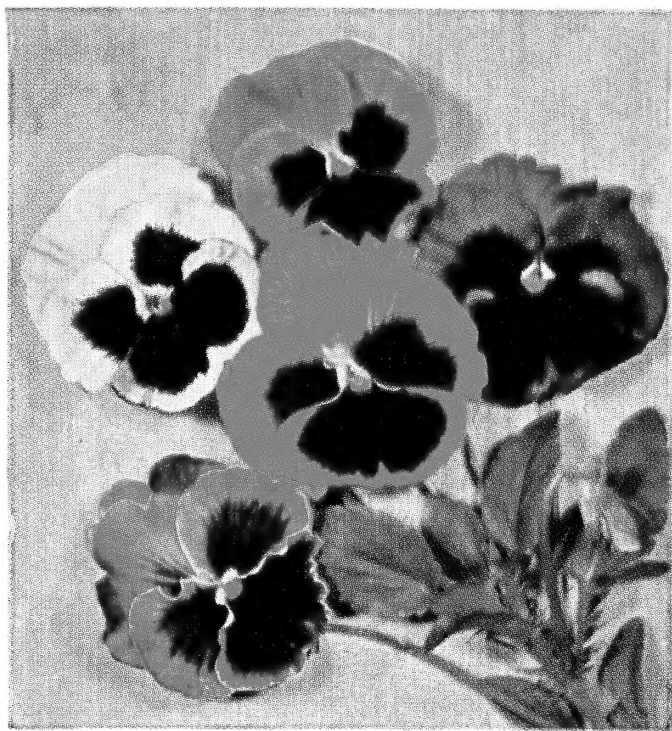
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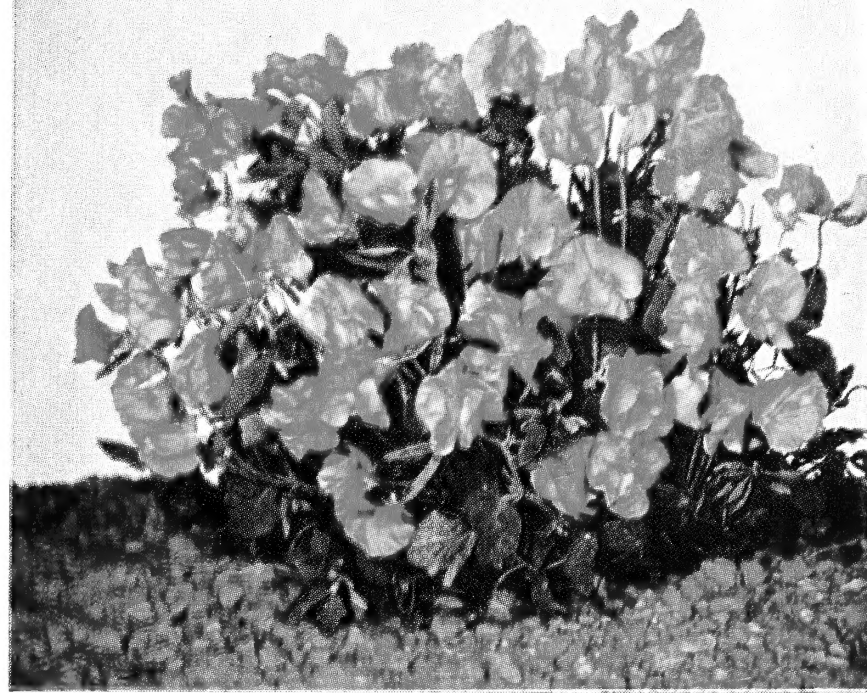
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**Outstanding in Color, Size and**  
**Freedom of Bloom**

780. They are of enormous size with long stems and healthy foliage. The color combinations are new and very rare, including shades never before seen in Pansies: browns, salmons, pinks, reds, and wine colors. We do not hesitate to recommend this strain to the most critical grower. **Pkt., 50c.**



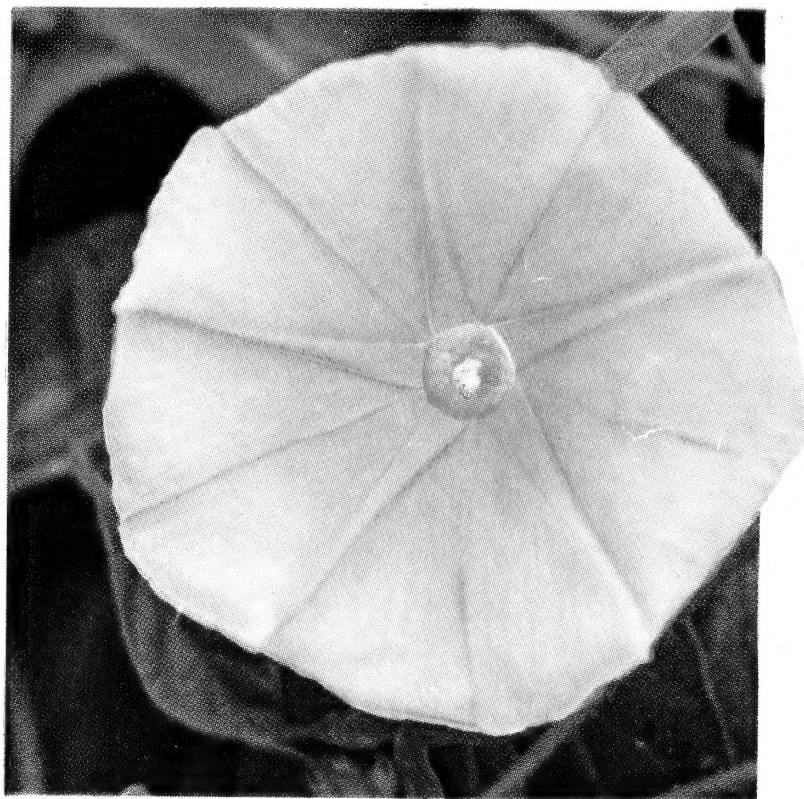
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**GLORY,**  
**CANDY PINK**

546A. (New.) The first pure pink Morning Glory ever created. Big 4-inch diameter flowers of the brightest rose-pink-salmon coloring you can imagine. The bright and cheerful flowers last but one day, though each morning masses of new flowers are borne and continue thus throughout the summer until frost. **Pkt., 25c.**



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The "Little Sweethearts" are an entirely new class of Sweet Pea. Each plant makes a perfect mound of flowers just under 8 inches in height and width. Flowers are the ruffled Spencer type, and colors range from cream to deep crimson. Flower early and continue in bloom for a long period. Bred especially for the home garden. **Pkt., 25c.**



**Candy Pink Morning Glory**

↓ **TUBEROUS-ROOTED BEGONIAS**

**Large bulbs, 2 inches diameter.** Start in the house early and set plants in the open ground about the last of May. They will bloom soon and profusely and continuously until frost. Keep constantly moist.

**Double Varieties.** Crimson, pink, white, coppery, rose, scarlet, orange, yellow, salmon. **Each 25c; 10 for \$2.00.**

**UNWIN'S**  
**DWARF**  
**HYBRIDS**

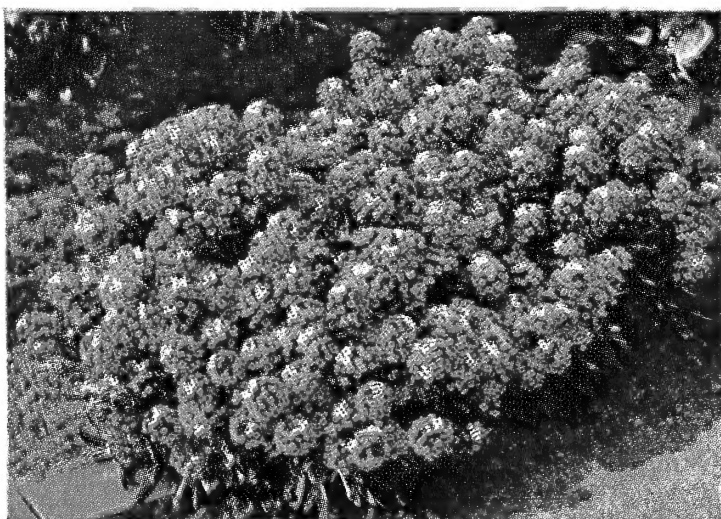
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Grown, Tested and Approved by  
America's Well Known Horticultural Judges



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172. A new gem for the garden. The spreading, compact habit and rich violet-purple color should be an excellent companion to Carpet-of-Snow, and will emphasize any background. Height, 3 inches; spread, 12 inches. Pkt., 25c.



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